

## 4. Immigration, Emigration, and Citizenship

### GENERAL NOTE

Aliens or citizens arriving or departing by vessel or airplane at seaports of the United States are recorded on passenger and crew lists or manifests by officials of the transportation companies, these lists or manifests being delivered to the Immigration and Naturalization Service of the Department of Justice. Persons going by land or air between Mexico or Canada and the United States are required to enter or depart at land border stations where they are registered by officers of the Immigration and Naturalization Service. Statistics of immigration and emigration are prepared from these records by the Immigration and Naturalization Service.

**Immigration.**—Although the reporting of alien arrivals was required at an early date in certain of the colonies and original States, the continuous record of immigration to the United States begins with the fiscal year ending September 30, 1820. Under the Act of March 2, 1819, passenger lists for all vessels arriving from foreign places were to be delivered to the local collector of customs, copies transmitted to the Secretary of State, and the information reported to Congress. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Bureau of Statistics of the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Annual reports were issued by this bureau from 1892 to 1932. From 1933 to 1940, a summary of the work of the Immigration and Naturalization Service was given in the Annual Reports of the Secretary of Labor. For 1941, the Annual Report of the Attorney General contained a report on immigration and naturalization. No report was published for 1942. For subsequent fiscal years, Annual Reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published in mimeographed form.

Since 1820 the official immigration statistics (see table 117) have changed considerably in completeness and in the basis of reporting. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904 and was gradually extended up to 1908. Hawaii, Puerto Rico, and Alaska were treated as integral parts of the United States for purposes of immigration and emigration statistics beginning in 1901, 1902, and 1904 respectively. Travel between the Philippine Islands and the United States was not treated as immigration or emigration between July 1, 1898 and May 1, 1934.

Prior to 1868 arriving alien passengers were recorded, thereafter immigrant arrivals (i. e., omitting aliens coming for temporary stay). Subsequent to the passage of the Act of 1891 which increased the number of excludable classes, the basis of reporting was changed from arrivals to admissions (i. e., omitting aliens not permitted to enter the United States), except for the period 1895 to 1897, inclusive, when the reporting of arrivals was resumed.

Two classes of alien admissions are now reported, immigrant and nonimmigrant (see table 118). Included in the nonimmigrant class are aliens admitted under section 3 of the Immigration Act of 1924 (see table 126), returning resident aliens, students, and others. An immigrant alien is defined as an alien, other than a returning resident, admitted for permanent residence, under either quota or nonquota status. Nonquota immigrants admitted comprise immigrants born in Canada, Newfoundland, Mexico, Cuba,

Haiti, the Dominican Republic, the Canal Zone, and independent countries of Central and South America, and their wives and unmarried children under age 18 if accompanying or following to join such immigrants; relatives of citizens of the United States (wives, husbands, unmarried children under age 21); ministers and professors who enter solely for the purpose of carrying on their vocations, and their wives and unmarried children under age 18, if accompanying or following to join such ministers and professors; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included either in the immigrant or nonimmigrant totals.

**Emigration.**—No official record of emigration was kept prior to July 1, 1907. Alien departures are classified as emigrant and nonemigrant (see table 118). For statistical purposes an alien emigrant is an alien resident of the United States departing with the declared intention of residing permanently in a foreign country. The nonemigrant category includes both alien residents of the United States departing for a temporary sojourn abroad, and aliens leaving the United States after a temporary stay.

**Naturalization.**—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national data were compiled. The Act of June 29, 1906, effective September 27, 1906, provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of citizenship issued. Naturalization statistics were originally compiled by the Division of Naturalization of the Department of Commerce and Labor, now by the Immigration and Naturalization Service.

**Alien registration.**—The Act of June 28, 1940, required the registration of all aliens remaining in the United States (including Alaska, Hawaii, Puerto Rico, and the Virgin Islands) for a period of thirty days or longer. Aliens resident in the United States on August 27, 1940, were required to register on or before December 26, 1940. Aliens arriving subsequent to August 27, 1940, and not registered by the consul granting visas were required to register within thirty days of arrival. Aliens having their first or second naturalization papers were not exempt from the registration requirement, but those whose petitions for naturalization were pending and who expected to be naturalized prior to December 26, 1940, were instructed not to register. Registration was not required of officials of foreign governments and members of their families. Persons whose citizenship status was not clearly defined were advised to register.

The reported total of alien registrations includes registrations during the period August 27 to December 26, 1940, together with subsequent registrations of aliens who entered the United States prior to January 1, 1941. The total does not include seaman registrations.

No. 116.—ESTIMATED RESIDENT ALIENS IN CONTINENTAL UNITED STATES, FOR SELECTED DATES: 1941 TO 1945

DATE	Number of aliens <sup>1</sup>	CHANGE IN PRECEDING PERIOD					
		Net decrease	Decrease through nat- uralization	Decrease through mortality	Decrease through emigration	Decrease through other causes <sup>2</sup>	Increase through immigration
Jan. 1, 1941	4,889,770						
July 1, 1941	4,693,623	196,147	156,794	50,341	7,484	7,215	25,667
July 1, 1942	4,349,269	344,354	269,419	84,864	7,212	11,422	28,563
July 1, 1943	3,949,390	399,870	317,675	83,180	5,088	17,615	28,647
July 1, 1944	3,410,175	539,224	440,174	80,041	5,652	41,798	28,439
July 1, 1945	3,050,808	359,372	237,221	75,800	7,417	76,819	37,885

<sup>1</sup> This estimate does not take into account the considerable temporary movement of aliens into and out of the United States.

<sup>2</sup> Deportations, voluntary departures, expatriations, denaturalizations, etc.

## No. 117.—IMMIGRATION: 1821 TO 1945

[Data are for fiscal years ended June 30, except as noted; for periods they are totals, not annual averages. From 1820 to 1867 the figures represent alien passengers arriving; for 1868 to 1891 inclusive and 1895 to 1897 inclusive, immigrant alien arrivals; for 1892 to 1894 and for 1898 to the present time, immigrant aliens admitted.]

PERIOD OR YEAR	Number	YEAR	Number	YEAR	Number	YEAR	Number
1821-1830 <sup>1</sup>	143,439	1885	395,346	1908	782,870	1931	97,139
1831-1840 <sup>1</sup>	599,125	1886	334,203	1909	751,786	1932	35,576
1841-1850 <sup>2</sup>	1,713,251	1887	490,109	1910	1,041,570	1933	23,088
1851-1860 <sup>3</sup>	2,598,214	1888	546,889	1911	878,587	1934	29,470
1861-1870 <sup>4</sup>	2,314,824	1889	444,427	1912	833,172	1935	34,956
1871-1880	2,812,191	1890	455,302	1913	1,197,892	1936	36,329
1881-1890	5,246,613	1891	580,319	1914	1,218,480	1937	50,244
1891-1900	3,687,564	1892	579,663	1915	326,700	1938	67,895
1901-1910	8,795,386	1893	439,730	1916	298,826	1939	82,998
1911-1920	5,735,811	1894	285,631	1917	295,403	1940	70,756
1921-1930	4,107,209	1895	258,536	1918	110,618	1941	51,776
1931-1940	528,431	1896	343,267	1919	141,132	1942	28,731
1900-1904	3,255,149	1897	280,832	1920	480,001	1943	23,725
1905-1909	4,947,239	1898	229,299	1921	805,228	1944	28,561
1910-1914	5,174,701	1899	311,715	1922	309,556	1945	38,119
1915-1919	1,172,679	1900	448,572	1923	522,919	Calendar years	
1920-1924	2,774,600	1901	487,918	1924	706,896	years:	
1925-1929	1,520,910	1902	648,743	1925	294,314	1888	76,082
1930-1934	426,983	1903	887,046	1926	180,564	1889	73,564
1935-1939	272,422	1904	812,870	1927	304,488	1890	60,455
1940-1944	203,589	1905	1,026,499	1928	335,175	1891	43,211
1884	518,592	1906	1,100,736	1929	307,255	1892	23,765
		1907	1,285,349	1930	279,678	1893	26,471
				1931	241,700	1894	31,754

<sup>1</sup> Oct. 1, 1820, to Sept. 30, 1830.

<sup>2</sup> Oct. 1, 1830, to Dec. 31, 1840.

<sup>3</sup> Calendar years.

<sup>4</sup> Jan. 1, 1861, to June 30, 1870.

## No. 118.—ALIENS ADMITTED AND DEPARTED: 1910 TO 1945

PERIOD OR YEAR ENDED—	ADMITTED			DEPARTED			EXCESS OF ADMISSIONS OVER DEPARTURES <sup>1</sup>	
	Immi- grant	Nonim- migrant	Total	Emigrant	Nonemi- grant	Total	Immigrant over emi- grant	Total
<i>June 30:</i>								
1910-1914, total	5,174,701	901,099	6,075,800	1,442,802	1,316,762	2,759,654	3,731,809	3,316,146
1915-1919, total	1,172,679	440,064	1,612,743	618,223	562,656	1,180,859	554,456	431,884
1920-1924, total	2,774,600	810,352	3,584,952	892,984	728,824	1,616,808	1,881,616	1,988,144
1925-1929, total	1,520,910	951,590	2,472,500	889,746	843,861	2,133,607	1,131,184	1,238,893
1930-1934, total	426,983	789,443	1,216,396	335,690	936,282	1,271,972	91,263	-55,576
1935-1939, total	272,422	851,110	1,123,532	153,248	877,691	1,030,939	119,174	92,593
1940-1944, total	203,589	516,255	718,844	56,715	416,609	472,324	146,874	240,520
1923	522,919	150,487	673,406	81,450	119,136	200,586	441,469	472,820
1924	706,896	172,406	879,302	76,789	139,956	216,745	630,107	662,557
1925	294,314	164,121	458,435	92,728	132,762	225,490	201,586	232,945
1926	304,488	191,618	496,106	76,992	150,763	227,755	227,496	268,351
1927	335,175	202,826	538,001	73,366	180,142	253,608	261,809	284,493
1928	307,255	193,376	500,631	77,457	196,899	274,356	229,798	226,275
1929	279,678	199,649	479,327	69,203	183,295	252,498	210,475	226,829
1930	241,700	204,514	446,214	50,661	221,764	272,425	191,039	173,789
1931	97,139	188,540	280,679	61,882	229,034	290,916	35,257	-10,237
1932	35,576	139,295	174,871	103,295	184,362	287,657	-67,710	-112,736
1933	23,068	127,680	150,728	80,081	163,721	243,802	-57,013	-93,074
1934	29,470	134,434	163,904	39,771	137,401	177,172	-10,301	-13,288
1935	34,956	144,765	179,721	38,834	150,216	189,056	-3,878	-9,329
1936	36,329	154,570	190,899	35,817	157,467	193,284	512	-2,885
1937	50,244	181,640	231,884	26,736	197,846	224,582	23,508	7,302
1938	67,895	184,802	252,697	25,210	197,404	222,614	42,685	30,083
1939	82,998	185,333	268,331	26,651	174,758	201,409	59,347	66,922
1940	70,756	188,032	208,788	21,461	144,703	166,164	49,295	42,624
1941	51,776	100,008	151,784	17,115	71,362	88,477	34,661	63,307
1942	28,781	82,457	111,238	7,363	67,189	74,552	21,418	36,686
1943	23,725	81,117	104,842	5,107	53,615	58,722	18,618	46,120
1944	28,551	113,641	142,192	5,669	78,740	84,409	22,882	57,783
1945	38,119	164,247	202,366	7,442	85,920	93,362	30,677	109,004
Dec. 31:								
1943	26,471	87,268	113,739	5,063	63,512	68,575	21,408	45,164
1944	31,754	135,519	167,273	6,269	83,616	89,885	25,485	77,388

<sup>1</sup> Excess of departures indicated by a minus (-) sign.

No. 119.—ALIENS DEBARRED AND DEPORTED: 1900 TO 1945

PERIOD OR YEAR ENDED JUNE 30	Debarred	De- ported	YEAR ENDED JUNE 30	Debarred	Deported	Deport- able aliens required to depart	Indigent aliens re- turned at their re- quest <sup>1</sup>
1900-1904, total	20,499	2,510	1935	5,558	8,319	7,978	114
1905-1909, total	63,688	6,700	1933	7,000	9,195	8,251	80
1910-1914, total	115,655	16,010	1937	8,076	8,820	8,788	40
1915-1919, total	74,929	11,836	1938	8,066	9,275	9,278	1,070
1920-1924, total	90,208	21,694	1939	6,498	8,202	9,590	1,825
1925-1929, total	102,661	56,594	1940	5,300	6,954	8,504	1,151
1930-1934, total	36,952	82,943	1941	2,929	4,407	6,531	152
1935-1939, total	35,198	43,820	1942	1,833	3,709	6,904	30
1940-1944, total	13,199	26,456	1943	1,495	4,207	11,947	5
1933	5,527	19,865	1944	1,642	7,179	32,270	4
1934	5,384	8,870	1945	2,341	11,270	68,490	12

<sup>1</sup> Does not include 157 Filipinos returned at their own request in 1936, 580 in 1937, 502 in 1938, 302 in 1939, 425 in 1940, and 134 in 1941.

No. 120.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED, BY SEX, AGE, AND OCCUPATION: YEARS ENDED JUNE 30, 1930 TO 1945

SEX, AGE, OCCUPATION	1930- 1934, total	1935- 1939, total	1940- 1944, total	1944	1945
Admissions, total	426,963	272,422	208,589	28,551	38,119
Males	192,884	119,832	90,222	11,410	13,389
Females	234,060	152,590	113,367	17,141	24,730
Males per 1,000 females	824	785	796	666	541
Under 16 years	74,398	44,520	28,565	4,092	5,645
16 to 44 years <sup>1</sup>	301,084	181,158	127,095	18,511	25,482
45 years and over <sup>2</sup>	51,471	46,735	47,929	5,948	6,992
Illiterates, number <sup>3</sup>	8,180	5,780	1,652	389	416
Percent	1.9	2.1	.8	1.4	1.1
Reporting occupations—					
Professional and semiprofessional workers	18,521	21,555	21,863	2,616	2,852
Farmers and farm managers	12,238	4,674	2,041	349	497
Proprietors, managers, and officials, except farm	10,232	20,888	17,242	894	1,457
Clerical, sales, and kindred workers	21,095	12,512	13,044	2,308	3,715
Craftsmen, foremen, and kindred workers	48,170	21,404	17,404	3,533	2,120
Operatives and kindred workers	41,400	17,914	7,101	1,125	2,381
Domestic service workers					
Protective service workers					
Service workers, exc. domestic and protective	13,089	7,645	4,036	811	985
Farm laborers and foremen	17,779	2,134	840	203	225
Laborers, except farm	26,084	8,935	5,056	1,030	886
Departures, total	335,690	158,248	56,715	5,669	7,442
Males	216,614	94,612	35,038	2,750	3,745
Females	119,076	58,636	21,677	2,910	3,697
Males per 1,000 females	1,819	1,614	1,616	948	1,013
Under 16 years	26,118	10,087	4,188	1,006	1,434
16 to 44 years <sup>1</sup>	226,108	94,890	36,352	3,225	3,982
45 years and over <sup>2</sup>	83,464	48,271	16,175	1,438	2,076
Reporting occupations—					
Professional and semiprofessional workers	10,762	7,416	4,550	538	707
Farmers and farm managers	7,463	3,573	1,219	57	54
Proprietors, managers, and officials, except farm	10,966	6,728	2,916	202	551
Clerical, sales, and kindred workers	10,141	5,523	2,464	247	350
Craftsmen, foremen, and kindred workers	37,913	14,192	4,813	430	157
Operatives and kindred workers	21,114	10,881	1,814	108	218
Domestic service workers					
Protective service workers					
Service workers, exc. domestic and protective	13,206	4,549	1,341	104	98
Farm laborers and foremen	8,840	4,326	1,400	129	145
Laborers, except farm	100,054	37,232	12,427	571	503

<sup>1</sup> 1940-1944, 16 to 45 years.

<sup>2</sup> 1940-1944, 46 years and over.

<sup>3</sup> Unable to read or write in any language.

## No. 121.—IMMIGRATION, BY COUNTRY OF ORIGIN, BY DECADES: 1851 TO 1940

[Data are totals, not annual averages, and are for periods ending June 30, except as noted. From 1851 to 1867 the figures represent alien passengers arriving; for 1868 to 1891 inclusive and 1895 to 1897 inclusive, immigrant alien arrivals; for 1892 to 1894 and for 1898 to the present time, immigrant aliens admitted. Data prior to 1906 refer to country whence aliens came; thereafter, country of last permanent residence. Because of boundary changes and changes in the list of countries separately reported, the data for certain countries are not comparable throughout.]

COUNTRY	1851-1860 <sup>1</sup>	1861-1870 <sup>1</sup>	1871-1890	1881-1890	1891-1900	1901-1910	1911-1920	1921-1930	1931-1940
Grand total	2,598,214	2,314,824	2,812,191	5,246,613	3,687,564	8,795,386	5,735,811	4,107,209	528,481
Total Europe	2,452,660	2,065,270	2,272,262	4,737,046	3,558,978	8,136,016	4,376,564	2,477,853	348,289
Belgium	4,738	6,734	7,221	20,177	18,167	41,635	33,746	15,846	4,817
Bulgaria <sup>2</sup>	—	—	—	—	160	39,280	22,533	2,945	938
Czechoslovakia	—	—	—	—	—	—	3,426	102,194	14,393
Denmark	3,749	17,094	31,771	88,132	60,231	65,285	41,983	32,420	2,559
Finland	—	—	—	—	—	—	756	16,691	2,146
France	76,358	35,986	72,206	50,464	30,770	73,379	61,897	49,610	12,623
Germany	951,667	787,468	718,182	1,452,970	505,152	341,498	143,945	412,202	117,621
Austria <sup>3</sup>	—	—	7,800	72,969	353,719	602,707	2,145,266	453,849	32,868
Hungary	—	—	—	—	—	—	442,693	30,630	7,861
Great Britain:									
England	247,125	222,277	437,706	644,680	216,726	388,017	240,944	157,420	21,756
Scotland	38,331	38,769	87,564	149,869	44,188	120,460	78,357	159,781	6,887
Wales	6,319	4,313	6,631	12,640	10,557	17,464	13,107	13,012	735
United Kingdom not specified	132,199	341,537	16,142	168	67	—	—	—	—
Greece	31	72	210	2,308	15,979	167,510	184,201	51,084	9,119
Ireland (Eire) <sup>4</sup>	914,119	435,778	436,871	655,482	388,416	339,065	146,181	220,591	10,973
Northern Ireland	—	—	—	—	—	—	—	—	2,194
Italy	9,231	11,725	55,759	307,309	651,893	2,045,877	1,109,524	455,315	65,028
Netherlands	10,789	9,102	16,541	53,701	26,758	48,262	43,718	26,948	7,150
Norway	20,031	71,631	95,323	176,586	95,015	190,505	66,395	68,531	4,740
Sweden	—	37,667	115,922	391,776	226,266	429,634	95,074	97,249	3,960
Poland <sup>5</sup>	1,164	2,027	12,970	51,806	96,720	—	4,813	227,734	17,026
Portugal	1,055	2,658	14,082	16,978	27,508	69,149	80,732	20,904	3,320
Rumania	—	—	11	6,348	12,750	53,008	13,311	67,646	3,871
Soviet Union (Russia)	457	2,512	39,284	213,282	505,290	1,597,306	921,201	61,742	1,356
Spain	9,208	6,697	5,266	4,419	8,731	27,835	68,611	28,958	3,258
Switzerland	25,011	23,286	28,293	81,988	31,179	34,922	23,001	29,676	5,512
Turkey in Europe	83	129	337	1,562	3,628	79,976	54,677	14,659	737
Yugoslavia	—	—	—	—	—	—	1,888	49,064	5,835
Other Europe	5	8	1,001	682	122	665	8,111	22,983	8,865
Total Asia <sup>6</sup>	41,455	64,630	123,823	68,380	71,238	243,587	192,559	97,400	15,344
China <sup>6</sup>	41,397	64,301	123,201	61,711	14,799	20,605	21,278	29,907	4,928
Japan <sup>6</sup>	—	186	149	2,270	25,942	120,707	83,837	55,462	1,948
Turkey in Asia <sup>7</sup>	—	2	67	2,220	26,799	77,393	79,339	19,165	328
Other Asia <sup>6</sup>	58	141	406	2,179	3,696	15,772	8,055	14,866	8,140
Total America <sup>8</sup>	74,720	166,607	404,044	428,987	38,972	961,888	1,143,671	1,516,718	160,037
Canada and Newfoundland <sup>8</sup>	59,309	153,878	383,640	393,304	3,311	179,226	742,186	924,515	108,527
Mexico <sup>8</sup>	3,078	2,191	5,162	1,913	971	49,642	210,004	459,287	22,319
Central America <sup>9</sup>	449	95	157	404	549	8,192	17,159	15,769	5,861
South America <sup>9</sup>	1,224	1,397	1,128	2,304	1,075	17,280	41,890	42,215	7,803
West Indies <sup>9</sup>	10,660	9,040	18,957	29,042	33,066	107,548	123,424	74,899	16,502
Other America	—	—	—	—	—	—	—	31	25
Africa <sup>10</sup>	210	312	358	857	350	7,368	8,443	8,286	1,750
Australia, Tasmania, and New Zealand	—	36	9,886	7,017	2,740	11,075	12,348	8,299	2,231
Pacific Islands (not specified)	—	—	—	1,028	5,557	1,225	1,049	1,079	427
All other countries	29,160	17,969	—	790	14,063	1033,523	1,147	228	780

<sup>1</sup> Jan. 1, 1851 to Dec. 31, 1860; and Jan. 1, 1861 to June 30, 1870.

<sup>2</sup> Includes Serbia and Montenegro prior to 1920. <sup>3</sup> Austria included with Germany after 1937.

<sup>4</sup> Known as Irish Free State, 1922-1927.

<sup>5</sup> From 1890 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.

<sup>6</sup> Included in "All other countries" in 1892.

<sup>7</sup> Included in "All other countries" in 1892; in "Other Asia" in 1893 and 1894.

<sup>8</sup> Immigrants from Canada, Newfoundland, and Mexico not reported from 1886 to 1893, inclusive.

<sup>9</sup> Included in "All other countries" in 1892 and 1893.

<sup>10</sup> Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, aliens were recorded by countries whence they came (see headnote).

No. 122.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED,  
BY COUNTRY OF LAST OR OF FUTURE PERMANENT RESIDENCE: YEARS ENDED  
JUNE 30, 1941 TO 1945

[Residence of a year or more is regarded as permanent residence]

COUNTRY	1941		1942		1943		1944		1945	
	Admitted	Departed								
All countries, total...	51,776	17,116	28,781	7,363	23,725	5,107	28,551	5,689	38,119	7,442
Europe, total.....	26,541	3,326	11,153	1,091	4,920	1,719	4,609	2,666	5,943	3,897
Albania.....	2			1			1		1	
Belgium.....	1,816	14	846	3	120		126	1	71	29
Bulgaria.....	135	3	15		3		6		3	
Czechoslovakia.....	314	11	137		102		136		64	3
Denmark.....	244	20	84	105	100		61		43	1
Estonia.....	41	3	14		14		26		16	
Finland.....	244	36	44	5	49	17	29	13	29	8
France.....	4,801	78	4,430	31	1,201	9	387	11	201	242
Germany.....	} 4,028	1,758	2,150	2	248		238	2	172	2
Austria.....										
Great Britain:										
England.....	7,363	372	838	632	901	1,405	1,210	2,199	2,784	2,700
Scotland.....	295	99	51	64	71	47	96	116	192	206
Wales.....	51	6	18	2	2	10	15	8	53	17
Greece.....	268	77	174	6	220	1	226		176	3
Hungary.....	330	18	186	9	75		87		54	
Ireland (Eire).....	211	52	70	18	132	10	68	11	125	38
Italy.....	450	104	103	21	49	3	120	1	213	8
Latvia.....	97				21		24		16	
Lithuania.....	242	4	52		43		37		19	
Netherlands.....	823	17	130	4	77	2	71	9	50	13
Northern Ireland.....	61	10	13	5	33	3	44	7	302	22
Norway.....	369	5	72	1	71		127	0	61	17
Poland.....	451	4	343		304	1	292	1	195	
Portugal.....	1,101	185	437	56	395	100	431	148	570	191
Rumania.....										
Soviet Union (Russia).....	41	138	60	17	32	23	41	19	18	73
Spain.....	300	200	234	50	254	25	271	20	156	78
Sweden.....	518	44	205	28	58	24	58	35	45	79
Switzerland.....	1,375	36	555	21	123	23	33	2	39	32
Yugoslavia.....	142	6	73	2	20		93	5	88	6
Other Europe.....	301	16	186	8	49	16	85	40	110	130
Asia, total.....	1,801	2,818	564	817	334	12	227	95	442	329
China.....	1,003	816	179	135	65		4	50	44	71
Japan.....	269	1,823	44	618	20		4		1	
Palestine.....	268	14	150	7	107		1	45	10	133
Syria.....	14		24		9		8	4	18	3
Other Asia.....	227	165	167	57	133	7	120	37	219	107
America, total.....	22,446	8,684	18,377	5,278	18,162	3,331	23,084	2,684	28,046	2,500
Canada.....	11,280	835	10,450	595	9,571	439	9,821	451	11,070	567
Central America.....	1,239	637	805	286	1,218	123	1,985	238	3,359	246
Mexico.....	2,824	4,392	2,378	2,889	4,172	2,988	6,598	1,732	6,702	1,170
Newfoundland.....	193	46	149	14	190	6	322	9	451	38
South America.....	2,216	1,352	988	737	693	224	1,160	196	1,600	346
West Indies.....	4,687	1,430	1,599	770	2,312	35	3,198	58	5,452	123
Other America.....	6	2	7	7	6	6			904	10
Africa.....	564	98	473	67	141	26	112	76	406	124
Australia.....	137	106	100	16	97	15	461	121	1,261	138
New Zealand.....	57	50	20	12	23	3	116	12	364	23
Philippine Islands.....	170	1,985	51	60	8		4		19	8
Pacific Islands, not specified.....	61	38	43	22	40	1	38	15	38	13
Unknown or not re- ported.....										310

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases and records.

No. 123.—IMMIGRANT ALIENS ADMITTED AND EMIGRANT ALIENS DEPARTED, BY RACE OR NATIONALITY: YEARS ENDED JUNE 30, 1941 TO 1945

RACE OR PEOPLE	1941		1942		1943		1944		1945	
	Admitted	Departed								
Total.....	51,776	17,115	28,781	7,869	28,725	5,107	28,551	5,669	38,118	7,442
Armenian.....	93	3	61	—	52	1	128	1	120	—
Bohemian and Moravian (Czech).....	437	43	110	5	88	3	148	6	153	9
Bulgarian, Serbian, Montenegrin.....	56	11	23	9	36	1	35	0	52	6
Chinese.....	73	735	13	124	4	4	34	40	109	267
Croatian and Slovenian.....	81	1	37	2	46	1	94	20	119	13
Cuban.....	596	726	551	316	551	5	1,014	4	1,932	6
Dalmatian, Bosnian, Herzegovinian.....	22	—	15	—	3	—	44	8	34	6
Dutch and Flemish.....	1,344	100	386	79	381	33	430	101	410	151
East Indian.....	—	87	—	14	1	2	—	12	—	22
English.....	6,115	1,287	3,802	1,073	3,620	1,413	4,100	2,130	7,116	2,520
Filipino.....	56	1,054	18	46	4	—	8	—	13	8
Finnish.....	366	43	78	5	96	24	73	16	78	12
French.....	3,283	232	2,363	123	1,763	118	1,571	121	2,120	418
German.....	2,154	1,960	800	74	498	39	1,014	45	1,386	35
Greek.....	410	85	263	17	378	2	385	18	352	17
Hebrew.....	23,737	186	10,608	117	4,705	88	(1)	(1)	(1)	(1)
Irish.....	1,883	167	1,707	104	1,511	90	1,520	103	2,119	173
Italian.....	696	142	146	36	150	12	244	7	409	8
Japanese.....	30	1,805	7	623	—	—	—	—	—	—
Korean.....	7	—	13	—	—	—	—	—	—	1
Latin American.....	1,148	1,518	1,132	769	1,444	323	2,533	406	4,359	279
Lithuanian.....	121	6	64	2	73	—	55	3	79	4
Magyar.....	279	33	131	16	86	5	134	8	106	5
Negro.....	229	236	171	145	198	29	608	36	1,708	27
Polish.....	686	34	436	25	434	10	840	43	1,073	22
Portuguese.....	395	238	201	105	312	95	472	126	668	186
Rumanian.....	90	13	84	5	37	4	98	5	116	5
Russian.....	940	185	269	36	211	37	374	51	448	121
Ruthenian (Russniak).....	98	2	80	—	57	1	77	—	51	—
Scandinavian (Norwegians, Danes, and Swedes).....	1,351	130	594	185	625	75	652	144	617	168
Scotch.....	1,865	325	1,640	219	1,387	231	1,475	230	1,935	420
Slovak.....	163	21	102	3	120	3	133	8	130	3
Spanish.....	443	342	292	111	404	42	391	42	422	98
Syrian.....	150	18	94	11	80	3	39	4	168	3
Turkish.....	15	12	18	5	23	—	70	20	51	70
Welsh.....	97	22	88	25	89	15	110	24	145	38
West Indian (other than Cuban).....	152	206	127	123	186	5	358	10	546	16
Other peoples <sup>(2)</sup> .....	1,924	4,143	2,131	2,769	3,868	2,378	6,528	1,011	8,975	2,315
191	51	130	42	186	15	2,656	149	—	—	—

<sup>1</sup> Included with appropriate national group or "Other peoples."<sup>2</sup> Chiefly natives of Mexico.<sup>3</sup> Albanian, Estonian, Latvian, Persian, etc., and in 1944, Hebrews.

No. 124.—IMMIGRANT ALIENS ADMITTED—PERCENTAGES, BY RACE OR NATIONALITY: YEARS ENDED JUNE 30, 1941 TO 1945

RACE OR PEOPLE	1941	1942	1943	1944	1945	RACE OR PEOPLE	1941	1942	1943	1944	1945
Total.....	100.0	100.0	100.0	100.0	100.0	Latin American.....	2.2	3.9	6.1	8.9	11.4
Dutch and Flemish.....	2.6	1.3	1.6	1.5	1.1	Magyar.....	.5	.5	.4	6	3
English.....	11.8	13.2	16.3	14.4	18.7	Polish.....	1.3	1.5	1.8	2.9	2.8
French.....	6.3	8.2	7.4	5.5	5.0	Russian.....	1.8	.9	.9	1.3	1.2
German.....	4.2	2.8	2.1	3.6	3.6	Scandinavian <sup>(2)</sup> .....	2.6	2.1	2.6	2.8	1.6
Greek.....	.8	.9	1.6	1.3	.9	Slovak.....	3.6	5.7	5.8	5.2	5.1
Hebrew.....	45.8	36.0	19.8	(1)	(1)	Spanish.....	.3	.4	.5	.5	.3
Irish.....	3.7	5.0	6.4	5.3	5.6	Other peoples <sup>(3)</sup> .....	9	1.0	1.7	1.4	1.1
Italian.....	1.3	.5	.6	.9	1.1	191	6.5	6.8	8.9	21.5	39.6

<sup>1</sup> Included with appropriate national group or "Other peoples."<sup>2</sup> Norwegian, Danes, and Swedes.<sup>3</sup> Chiefly natives of Mexico.<sup>4</sup> Other than those for which percentages are given.

Source of tables 123 and 124: Department of Justice, Immigration and Naturalization Service; Annual Report, releases, and records.

## No. 125.—IMMIGRATION QUOTAS ALLOTTED AND QUOTA ALIENS ADMITTED, BY COUNTRY OF BIRTH: YEARS ENDED JUNE 30, 1925 TO 1945

NOTE.—The Immigration Act of 1921 limited the number of aliens admitted annually of any nationality subject to the quota law, to 3 percent of the number of foreign-born persons of such nationality resident in continental United States as determined by the census of 1910; the population plan of the act of 1924, to 2 percent according to the census of 1890. The national origins clause of the latter act, which became effective July 1, 1929, provided that the quota of any nationality should be computed by applying to 150,000 the ratio between the calculated number of inhabitants in continental United States in 1920 owing their origin to the nationality concerned and the total inhabitants in the United States of all nationalities subject to the quota law. (For estimates of white population by countries of origin, calculated as a basis for immigration quotas, see table 97, Statistical Abstract, 1932.) Under the act of 1924, the minimum quota is 100. For nonquota classes, see General Note, p. 105.

COUNTRY OR REGION	Under Immigration Act of 1921, annual quota <sup>1</sup>	UNDER IMMIGRATION ACT OF 1924						
		Annual quota, 1925 1929	Admit- ted, 1925- 1929, total	Annual quota, 1930 to 1945	Admitted			
					1935- 1939, total	1940- 1944, total	1943	1944
All countries.....	357,803	184,667	761,622	158,879	168,540	121,253	9,045	9,394
Europe.....	356,081	181,422	749,911	150,501	182,248	115,338	8,240	8,017
Albania.....	288	100	472	100	482	169	3	10
Belgium.....	1,563	512	2,652	1,304	1,154	2,357	203	127
Bulgaria.....	302	100	509	100	383	236	8	20
Czechoslovakia.....	14,367	3,073	14,608	2,874	8,464	5,010	362	323
Danzig, Free City of.....	301	228	1,065	100	336	168	6	9
Denmark.....	6,019	2,789	13,114	1,181	1,078	916	131	106
Estonia.....	1,848	124	612	116	239	233	18	27
Finland.....	3,921	471	2,363	569	1,349	857	99	63
France.....	5,729	3,054	17,730	3,086	2,980	4,324	492	210
Germany.....	67,607	51,227	242,363	127,370	\$74,337	46,617	1,276	1,324
Austria.....	7,342	785	4,213	1	1	1	1	1,190
Greece.....	3,063	100	737	307	1,773	1,365	301	287
Hungary.....	5,747	473	2,445	869	3,702	2,675	163	212
Ireland (Eire) <sup>2</sup> .....	28,507	182,715	17,853	3,633	1,777	1,777	106	123
Italy.....	42,057	3,845	18,383	5,802	15,082	4,804	67	189
Latvia.....	1,540	142	754	236	600	584	62	43
Lithuania.....	2,629	344	1,828	386	1,324	862	117	93
Luxemburg.....	92	100	495	100	69	281	23	11
Netherlands.....	3,607	1,048	7,708	3,153	1,804	2,808	192	208
Norway.....	12,202	6,453	30,335	2,377	1,718	1,282	102	176
Poland.....	20,977	5,982	29,000	6,524	15,517	13,884	1,533	1,338
Portugal.....	2,466	503	2,449	440	1,541	1,513	261	418
Rumania.....	7,419	602	3,783	2,377	1,864	1,487	220	230
Soviet Union (Russia).....	24,405	2,248	10,018	1,2712	3,970	4,696	301	383
Spain.....	912	131	805	252	1,263	1,160	255	240
Sweden.....	20,042	6,661	44,840	3,314	1,305	981	94	80
Switzerland.....	3,752	2,081	9,683	1,707	1,725	1,778	121	46
Turkey.....	2,054	100	431	226	281	350	38	106
United Kingdom <sup>3</sup> .....	77,342	34,007	148,600	65,721	10,888	10,738	1,377	1,461
Yugoslavia.....	6,426	671	3,081	845	2,735	1,263	90	167
Other Europe.....	353	500	1,991	500	657	6203	39	48
Asia.....	1,261	1,424	6,927	1,528	2,980	2,387	302	293
Africa.....	122	1,200	1,667	1,200	523	665	71	56
Australia, New Zealand, and Pacific islands.....	350	621	1,470	650	975	876	101	169
American colonies of European countries.....	(1)	3,647	(1)	1,810	1,987	831	859	1,067

<sup>1</sup> Quota for 1924; revisions from 1922 or 1923 allotments for certain countries were made due to changes in boundaries or other adjustments. Quotas immigrants admitted, 1922 to 1924, are as follows: 1922, 243,958; 1923, 335,480; 1924, 357,643. For admissions by countries see the 1934 and previous issues of the Statistical Abstract.

<sup>2</sup> Quota 1934 to Feb. 8, 1944, was 153,774. The Act of December 17, 1943, repealing the Chinese Exclusion Laws authorized a quota for Chinese. This quota of 105 was allotted on Feb. 8, 1944, increasing the maximum quota from 153,774 to 153,879. The total quota for 1930 and 1931 was 153,714; for 1932 and 1933, 153,831; the Soviet Union's quota was 2,784 for 1930 and 1931, and 2,701 for 1932 and 1933; Rumania's, 295 prior to 1934. There were also changes in 1932 and 1933 for certain countries included in "Other Europe," Asia, and Pacific islands.

<sup>3</sup> Austria included with Germany beginning with 1935.

<sup>4</sup> All Ireland included with United Kingdom prior to 1925; thereafter, Northern Ireland only.

<sup>5</sup> Annual quotas for colonies, dependencies, or protectorates in "Other Europe," Asia, Africa, Pacific Islands, and America are included in the annual quotas of the European countries to which they belong.

<sup>6</sup> Includes quota immigrants born in colonies, dependencies, or protectorates of European countries.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 126.—ALIENS ADMITTED, BY CLASSES, UNDER THE IMMIGRATION ACT OF 1924, AS AMENDED: YEARS ENDED JUNE 30, 1940 TO 1945

CLASSES	1940	1941	1942	1943	1944	1945
Number admitted, all classes.....	208,788	151,784	111,238	104,842	142,192	202,366
Under Section 3.....	109,388	82,985	65,612	75,983	107,253	154,160
Government officials, their families, attendants, servants and employees.....	7,448	9,269	12,038	16,328	23,630	18,054
Temporary visitors for business.....	11,946	10,438	8,070	11,776	13,990	17,747
Temporary visitors for pleasure.....	53,379	24,222	17,065	7,924	8,699	30,982
In continuous transit through the United States.....	36,304	18,749	28,305	31,906	34,856	28,174
To carry on trade under treaty.....	791	307	134	49	78	193
Under Section 4.....	40,923	52,579	31,028	18,814	25,545	36,598
Husbands of United States citizens.....	963	368	223	145	126	119
Wives of United States citizens.....	3,195	1,543	904	630	1,059	2,735
Unmarried children of United States citizens.....	1,316	211	135	100	117	224
Returning residents.....	26,145	35,269	15,466	4,105	4,756	6,896
Natives of nonquota countries.....	11,886	12,501	12,554	13,491	17,595	22,770
Their wives and children.....	99	85	42	31	19	58
Ministers and their wives and children.....	630	404	136	115	135	210
Professors and their wives and children.....	499	245	54	39	17	20
Students.....	2,044	1,766	1,363	1,021	1,643	2,866
Women who had been United States citizens.....	100	168	80	54	37	32
Miscellaneous classes.....	46	19	67	83	41	663
Under Section 5 (quota immigrants).....	51,997	36,220	14,587	9,045	9,394	11,623

<sup>1</sup> Includes agricultural laborers from the West Indies.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 127.—PASSENGERS, ARRIVALS AND DEPARTURES AT SEAPORTS, BY COUNTRIES, FLAG OF CARRIER, MODE OF TRAVEL: YEARS ENDED JUNE 30, 1931 TO 1945

COUNTRY, FLAG, ETC.	1931-1940	1941	1942	1943	1944	1945
Passengers arrived, total.....	5,011,916	261,189	180,631	169,870	205,775	810,113
Europe.....	2,910,845	38,207	22,173	27,906	41,237	73,469
Asia.....	208,686	26,805	6,665	3,724	6,448	9,675
Africa.....	8,445	1,684	4,676	5,746	15,531	27,884
Australia and Pacific.....	52,421	9,080	9,346	7,809	8,748	20,323
Canada and Newfoundland.....	139,576	5,933	10,231	9,363	12,604	28,972
Greenland.....	2	135	271	760	882	1,635
Mexico.....	72,463	3,054	1,831	383	1,798	3,295
West Indies.....	1,319,064	131,309	84,799	74,967	89,250	121,046
Central America.....	185,373	23,602	23,695	16,558	17,664	18,972
South America.....	115,041	21,380	16,944	22,644	11,523	4,842
Flag: U. S. ....	1,589,147	202,375	145,030	132,909	138,631	252,263
Foreign.....	3,422,769	53,814	35,601	36,961	67,144	57,850
By sea.....	4,817,200	210,178	118,151	75,726	84,350	107,143
By air.....	194,716	51,011	62,480	94,144	121,425	202,970
Aliens.....	1,762,002	92,125	68,576	70,637	104,667	141,387
Citizens.....	3,249,914	169,064	112,055	99,233	101,108	108,726
Passengers departed, total.....	5,159,656	230,130	149,829	87,233	118,109	186,301
Europe.....	2,992,409	8,891	6,360	11,488	20,270	45,761
Asia.....	271,461	19,788	4,336	530	1,028	2,267
Africa.....	9,786	1,289	3,020	3,003	4,133	15,315
Australia and Pacific.....	85,117	8,141	2,494	524	886	3,049
Canada and Newfoundland.....	122,073	4,211	9,156	4,884	10,294	15,835
Greenland.....		101	245	45	11	896
Mexico.....	73,725	3,430	2,513	811	1,374	10,983
West Indies.....	1,299,700	138,035	87,526	33,540	51,613	61,368
Central America.....	179,786	25,185	17,985	11,395	12,528	13,953
South America.....	125,599	21,059	16,194	21,013	15,972	16,874
Flag: U. S. ....	1,524,492	190,918	122,631	67,271	83,729	137,036
Foreign.....	3,635,164	39,212	27,198	19,962	34,380	49,265
By sea.....	4,982,301	181,153	91,135	14,877	26,752	47,877
By air.....	177,355	48,977	58,694	72,356	91,357	138,924
Aliens.....	1,905,326	66,860	41,325	28,150	57,511	85,811
Citizens.....	3,254,330	163,270	108,504	59,083	60,598	100,490

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

## No. 128.—ALIENS AND CITIZENS: TOTAL ARRIVALS AND DEPARTURES AND ARRIVALS AT PRINCIPAL PORTS, YEARS ENDED JUNE 30, 1925 TO 1945

[Data exclude travelers between continental U. S. and outlying possessions, persons habitually crossing and recrossing international land boundaries, and agricultural and railway track workers admitted from Mexico. Figures for alien arrivals cover admissions only. In addition, there are aliens among the arrivals who are found inadmissible and debarred from entering.]

PORT AND CLASS	1925- 1929, average	1930- 1934, average	1935- 1939, average	1940- 1944, average	1942	1943	1944	1945
<b>Arrivals, total</b>	<b>888,385</b>	<b>610,215</b>	<b>574,526</b>	<b>297,265</b>	<b>229,692</b>	<b>210,571</b>	<b>250,636</b>	<b>377,834</b>
United States citizens	393,885	366,935	349,819	153,496	118,454	105,729	108,444	175,668
Immigrants	304,182	85,391	54,484	40,718	28,781	23,725	28,551	38,119
Nonimmigrant aliens	190,318	157,889	170,222	108,051	82,457	81,117	113,641	164,247
<b>Departures, total</b>	<b>632,823</b>	<b>632,371</b>	<b>547,258</b>	<b>221,031</b>	<b>187,788</b>	<b>121,125</b>	<b>147,934</b>	<b>186,381</b>
United States citizens	385,602	377,976	341,470	126,566	113,216	62,403	63,525	103,019
Emigrants	77,949	67,128	80,660	11,343	7,383	5,107	5,069	7,442
Nonimmigrant aliens	168,772	187,266	175,538	88,122	67,189	53,615	78,740	85,020
Excess of arrivals over departures	256,062	-22,156	27,208	76,284	41,924	89,446	102,702	181,553
<b>Citizens permanently departed:</b>								
Naturalized	3,675	1,213	1,060	595	478	273	422	799
Native born	20,579	20,245	9,607	7,242	7,417	3,291	3,476	5,388
<b>ARRIVALS AT PRINCIPAL PORTS</b>								
<b>New York</b>	<b>551,927</b>	<b>425,507</b>	<b>385,498</b>	<b>110,488</b>	<b>89,441</b>	<b>45,878</b>	<b>67,984</b>	<b>102,884</b>
United States citizens	272,872	264,346	240,492	56,547	34,017	23,672	34,661	58,879
Immigrants	153,683	52,678	37,026	16,873	10,173	1,089	1,075	2,636
Nonimmigrant aliens	125,372	108,483	107,975	37,073	25,251	20,618	32,248	41,169
<b>Boston</b>	<b>19,445</b>	<b>18,117</b>	<b>12,544</b>	<b>8,938</b>	<b>2,464</b>	<b>2,295</b>	<b>4,108</b>	<b>2,728</b>
United States citizens	8,223	12,278	7,465	2,082	680	1,639	3,323	1,709
Immigrants	7,162	2,832	746	498	121	7	294	278
Nonimmigrant aliens	4,060	4,007	4,333	1,359	1,663	640	521	651
<b>Philadelphia</b>	<b>816</b>	<b>1,191</b>	<b>1,178</b>	<b>1,105</b>	<b>396</b>	<b>1,242</b>	<b>1,671</b>	<b>2,342</b>
United States citizens	413	950	835	568	250	505	407	1,066
Immigrants	160	40	23	245	47	503	581	701
Nonimmigrant aliens	252	201	321	292	99	234	683	575
<b>Baltimore</b>	<b>198</b>	<b>1,148</b>	<b>1,616</b>	<b>8,707</b>	<b>1,102</b>	<b>6,098</b>	<b>9,515</b>	<b>86,141</b>
United States citizens	110	852	1,237	2,608	576	3,693	7,519	31,615
Immigrants	50	60	35	185	26	745	27	56
Nonimmigrant aliens	38	134	242	913	600	1,660	1,969	4,470
<b>Miami</b>	<b>14,209</b>	<b>22,008</b>	<b>60,039</b>	<b>81,777</b>	<b>65,623</b>	<b>78,464</b>	<b>86,257</b>	<b>89,767</b>
United States citizens	12,427	18,903	46,002	56,221	48,505	51,270	36,714	37,671
Immigrants	98	111	934	2,504	1,225	2,011	3,704	6,325
Nonimmigrant aliens	1,684	2,904	13,013	23,051	15,803	22,583	48,839	45,771
<b>New Orleans</b>	<b>18,050</b>	<b>9,555</b>	<b>8,634</b>	<b>8,887</b>	<b>12,288</b>	<b>13,103</b>	<b>7,559</b>	<b>11,080</b>
United States citizens	9,246	7,420	6,993	6,246	10,870	2,377	5,169	6,442
Immigrants	847	427	215	350	255	317	488	877
Nonimmigrant aliens	2,957	1,702	1,420	3,242	1,113	10,400	1,902	3,761
<b>San Francisco</b>	<b>16,245</b>	<b>13,554</b>	<b>14,926</b>	<b>11,251</b>	<b>10,274</b>	<b>9,908</b>	<b>7,428</b>	<b>18,881</b>
United States citizens	6,791	7,224	8,646	6,835	4,184	7,398	5,495	9,811
Immigrants	2,207	1,498	666	736	338	92	462	1,168
Nonimmigrant aliens	7,157	4,832	5,614	3,680	5,752	2,418	1,466	2,702
<b>Seattle</b>	<b>5,583</b>	<b>4,178</b>	<b>4,041</b>	<b>1,428</b>	<b>481</b>	<b>498</b>	<b>788</b>	<b>872</b>
United States citizens	2,332	2,161	2,472	544	184	252	102	567
Immigrants	959	333	82	261	46	3	3	8
Nonimmigrant aliens	2,292	1,635	1,487	622	231	248	681	297

<sup>1</sup> Excess of departures.

Source: Department of Justice, Immigration and Naturalization Service Annual Report, releases.

## NATURALIZATION

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No. 129.—NATURALIZATION: 1907 TO 1945

PERIOD OR YEAR ENDED JUNE 30—	Declar- ations filed <sup>1</sup>	PETITIONS FILED <sup>2</sup>			ALIENS NATURALIZED <sup>3</sup>		
		Total	Civilian	Military	Total	Civilian	Military
1907-1909, total	356,974	108,286	108,286	-----	72,290	72,290	-----
1910-1914, total	925,929	446,006	446,006	-----	354,147	354,147	-----
1915-1919, total	1,631,252	772,396	580,068	192,328	636,590	444,262	192,328
1920-1924, total	1,597,667	919,189	822,834	96,355	825,016	728,661	96,355
1925-1929, total	1,348,285	1,070,660	1,059,790	10,879	956,475	946,392	10,083
1930-1934, total	460,880	619,441	609,629	9,812	676,504	667,741	8,763
1935-1939, total	767,201	852,795	837,151	15,644	776,077	765,969	10,108
1940-1944, total	807,487	1,602,164	1,510,997	91,167	1,543,830	1,451,234	92,596
1907 <sup>4</sup>	73,658	21,113	21,113	-----	7,941	7,941	-----
1908	137,571	44,632	44,632	-----	25,975	25,975	-----
1909	145,745	43,141	43,141	-----	38,374	38,374	-----
1910	169,348	55,750	55,750	-----	39,448	39,448	-----
1911	189,249	74,740	74,740	-----	56,683	56,683	-----
1912	171,133	95,661	95,661	-----	70,310	70,310	-----
1913	182,095	95,380	95,380	-----	83,561	83,561	-----
1914	214,104	124,475	124,475	-----	104,145	104,145	-----
1915	247,958	106,399	106,399	-----	91,848	91,848	-----
1916	209,204	108,767	108,767	-----	87,831	87,831	-----
1917	440,651	130,865	130,865	-----	88,104	88,104	-----
1918	342,283	169,507	165,514	63,993	151,449	87,456	63,993
1919	391,156	256,858	258,523	128,335	217,358	89,023	128,335
1920	299,076	218,732	166,760	51,972	177,683	125,711	51,972
1921	303,904	195,534	177,898	17,036	181,292	163,656	17,636
1922	273,511	162,638	153,170	9,468	170,447	160,979	9,468
1923	296,636	165,168	163,059	7,109	145,084	137,975	7,109
1924	424,540	177,117	166,947	10,170	150,510	140,340	10,170
1925	277,218	162,258	162,258	-----	152,457	152,457	-----
1926	277,539	172,232	172,107	125	146,331	146,239	92
1927	258,295	240,339	235,298	5,041	199,804	195,498	4,311
1928	254,588	240,321	235,328	4,993	233,155	228,006	5,149
1929	280,645	255,619	254,799	720	224,728	224,197	531
1930	62,138	113,151	111,209	1,942	169,377	167,637	1,740
1931	106,272	145,474	142,249	3,225	143,495	140,271	3,224
1932	101,345	131,062	131,043	19	136,600	130,598	2
1933	83,046	112,629	110,604	2,025	113,368	112,368	995
1934	108,079	117,125	114,524	2,601	113,669	110,867	2,802
1935	136,524	131,378	131,378	-----	118,945	118,945	-----
1936	148,118	167,127	165,559	1,568	141,265	140,784	481
1937	176,195	165,464	157,670	7,794	164,976	162,923	2,053
1938	150,673	175,413	169,131	6,282	162,078	158,142	3,936
1939	155,691	213,413	213,413	-----	188,813	185,175	3,658
1940	203,536	278,028	276,840	1,188	235,260	232,500	2,760
1941	224,123	277,807	277,807	-----	277,294	275,747	1,547
1942	221,796	343,487	341,979	1,508	270,364	268,762	1,602
1943	115,664	377,125	335,885	58,240	518,933	281,459	57,474
1944	42,368	325,717	275,486	50,231	544,979	392,766	49,213
1945	31,195	195,917	172,005	23,012	523,402	208,707	22,095
SEX	1939	1940	1941	1942	1943	1944	1945
DECLARATIONS FILED <sup>1</sup>							
Males	108,231	128,443	129,683	121,101	63,017	(6)	(6)
Females	47,460	75,093	94,440	100,695	52,647	(6)	(6)
PETITIONS FILED <sup>2</sup>							
Males	130,211	149,158	132,993	143,830	7 179,435	(6)	(6)
Females	83,202	128,870	144,814	199,657	7 196,265	(6)	(6)
ALIENS NATURALIZED <sup>3</sup>							
Males	113,934	132,406	136,348	112,040	157,663	202,608	116,691
Females	74,879	102,854	140,946	158,324	161,270	239,281	114,711

<sup>1</sup> Declaration of intention to become citizen.<sup>2</sup> Petition for naturalization.<sup>3</sup> Certificates of naturalization issued.<sup>4</sup> From Sept. 27, 1906, to June 30, 1907.<sup>5</sup> Includes 1,425 in 1943, 6,496 in 1944, and 5,666 in 1945 in various theaters of war.<sup>6</sup> Not available.<sup>7</sup> Exclusive of 1,425 in various theaters of war not distributed by sex.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

**No. 130.—NATURALIZATION CERTIFICATES ISSUED, BY STATES AND TERRITORIES OF RESIDENCE: YEARS ENDED JUNE 30, 1943, 1944, AND 1945**

[Sec. 702 of the Nationality Act of 1940, as amended, established an administrative procedure whereby members of the armed forces are naturalized in countries outside the jurisdiction of the United States Courts. The number of such naturalizations were: 1943, 1,425; 1944, 6,496; 1945, 5,666]

STATE OF RESIDENCE	1943	1944	1945	STATE OF RESIDENCE	1943	1944	1945
Total.....	318,933	441,979	231,402	New Hampshire.....	1,741	1,718	1,069
Alabama.....	462	324	289	New Jersey.....	17,292	33,309	15,958
Arizona.....	839	817	588	New Mexico.....	331	351	248
Arkansas.....	1,845	615	188	New York.....	68,383	135,534	81,123
California.....	34,366	30,902	18,004	North Carolina.....	553	1,486	209
Colorado.....	1,512	1,806	755	North Dakota.....	555	382	546
Connecticut.....	8,285	16,947	7,712	Ohio.....	13,600	22,598	10,711
Delaware.....	531	671	392	Oklahoma.....	528	454	382
Dist. of Col.....	914	1,598	922	Oregon.....	2,349	2,044	920
Florida.....	3,249	3,935	2,081	Pennsylvania.....	31,177	35,663	13,201
Georgia.....	928	677	458	Rhode Island.....	2,545	5,180	2,936
Idaho.....	211	415	203	South Carolina.....	1,428	723	138
Illinois.....	28,944	31,754	13,651	South Dakota.....	405	328	287
Indiana.....	3,215	3,322	2,123	Tennessee.....	467	444	308
Iowa.....	1,577	1,352	947	Texas.....	5,140	5,511	3,148
Kansas.....	1,102	983	613	Utah.....	813	806	341
Kentucky.....	958	1,167	260	Vermont.....	776	1,417	729
Louisiana.....	1,093	849	865	Virginia.....	1,613	4,220	483
Maine.....	2,570	2,652	1,873	Washington.....	5,492	4,374	3,006
Maryland.....	1,160	3,030	1,520	West Virginia.....	1,047	1,865	884
Massachusetts.....	26,908	35,183	18,172	Wisconsin.....	4,087	7,472	3,097
Michigan.....	25,342	23,494	12,952	Wyoming.....	470	407	161
Minnesota.....	3,563	3,327	2,010	Territories, etc.:			
Mississippi.....	285	175	192	Alaska.....	229	377	150
Missouri.....	3,870	3,247	2,678	Hawaii.....	689	840	257
Montana.....	500	658	423	Puerto Rico.....	313	163	121
Nebraska.....	1,481	1,022	720	Virgin Islands.....	31	61	47
Nevada.....	312	290	155	All other.....	9	30	326

**No. 131.—NATURALIZATION CERTIFICATES ISSUED, BY COUNTRY OF FORMER ALLEGIANCE: YEARS ENDED JUNE 30, 1942 TO 1945**

NATIONALITY	1942	1943	1944	1945	NATIONALITY	1942	1943	1944	1945
All countries.....	270,384	318,933	441,979	231,402	Norway.....	5,799	5,755	6,031	2,838
Albania.....	311	548	588	340	Poland.....	36,757	42,170	42,758	20,812
Belgium.....	1,532	1,497	1,345	776	Portugal.....	3,303	4,639	4,589	3,320
British Empire.....	90,405	94,361	88,493	43,643	Rumania.....	1,955	2,782	8,137	3,730
Bulgaria.....	166	206	542	293	Soviet Union(Russia).....	26,811	25,488	25,533	12,164
Czechoslovakia.....	11,106	18,018	12,899	5,878	Spain.....	2,851	3,275	3,060	1,826
Denmark.....	2,817	2,903	2,733	1,337	Sweden.....	9,241	9,472	8,106	3,809
Estonia.....	162	198	261	138	Switzerland.....	1,956	2,136	1,891	1,040
Finland.....	3,143	3,216	3,153	1,931	Yugoslavia.....	7,745	8,484	7,400	3,849
France.....	2,611	3,184	3,035	2,509	Persia (Iran).....	250	251	218	36
Germany.....	12,360	17,883	62,274	45,330	Syria.....	1,283	1,518	1,595	(1)
Austria.....	5,873	6,063	7,540	4,305	Turkey.....	2,804	3,164	3,115	1,571
Greece.....	3,794	4,810	13,964	6,320	Philippine Islands.....	238	3,646	2,698	1,663
Hungary.....	18,663	36,238	106,626	41,643	West Indies.....	751	1,317	1,604	964
Latvia.....	858	877	1,017	540	Mexico.....	4,800	6,799	7,474	6,852
Lithuania.....	5,687	6,081	6,624	3,651	Central America.....	425	600	650	475
Netherlands.....	8,076	3,267	3,020	1,681	South America.....	771	1,143	1,362	799
					Other countries.....	561	1,031	1,617	5,693

<sup>1</sup> Included with France.

<sup>2</sup> Includes 4,387 persons who were stateless.

Source of tables 130 and 131: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 132.—ALIENS REGISTERED AS OF DECEMBER 26, 1940, BY DATE OF ENTRY, BY SEX

DATE OF ENTRY	Total	Male	Female	DATE OF ENTRY	Total	Male	Female
Total	5,009,857	2,340,770	2,669,087	1923	217,840	106,962	110,878
Prior to 1880	32,739	13,858	18,881	1924	106,352	53,621	52,731
1880-1889	117,790	61,251	56,539	1925	92,765	41,717	51,048
1890-1899	239,605	120,561	119,044	1926	107,305	52,084	55,221
1900-1909	1,080,654	553,314	527,340	1927	107,828	52,572	55,266
1910	182,900	87,694	95,206	1928	106,468	49,148	57,320
1911	151,822	66,820	85,002	1929	110,797	50,389	60,408
1912	216,750	98,817	117,933	1930	89,722	39,882	49,840
1913	287,230	120,419	157,811	1931	89,329	17,492	71,837
1914	154,646	69,126	85,520	1932	80,370	11,560	18,810
1915	62,648	29,710	32,938	1933	80,210	11,806	18,404
1916	82,803	38,149	44,654	1934	89,315	15,320	23,995
1917	46,871	23,265	23,106	1935	45,671	17,607	28,064
1918	43,195	23,389	19,806	1936	56,861	22,560	34,301
1919	91,322	47,827	43,495	1937	83,556	34,888	48,668
1920	194,672	82,856	111,816	1938	100,860	45,086	55,774
1921	163,980	59,105	104,875	1939	109,705	51,503	58,202
1922	134,603	50,124	75,569	Unknown	142,463	72,028	70,435
					108,620	30,260	78,360

Source: Department of Justice, Immigration and Naturalization Service; release.

No. 133.—ALIENS REGISTERED AS OF DECEMBER 26, 1940, BY SEX, AGE, AND MARITAL STATUS

AGE GROUP	Total both sexes	MALES				FEMALES			
		Total	Single	Married	Other <sup>1</sup>	Total	Single	Married	Other <sup>1</sup>
Total	5,009,857	2,340,770	699,008	1,385,994	255,768	2,669,087	845,434	1,868,850	484,803
Under 14 years, total	49,443	24,692	24,692	—	—	24,751	24,751	—	—
Under 5 years	7,579	3,826	3,826	—	—	3,753	3,753	—	—
5-9 years	16,816	8,535	8,535	—	—	8,281	8,281	—	—
10-13 years	25,048	12,331	12,331	—	—	12,717	12,717	—	—
14 years	10,448	5,292	5,265	13	14	5,156	5,115	25	16
15-19 years	95,812	48,312	47,565	653	94	47,500	42,108	5,250	142
20-24 years	141,236	65,706	53,550	11,804	352	75,530	38,724	35,823	983
25-29 years	237,382	106,910	66,680	48,404	1,826	130,472	31,822	95,172	3,478
30-34 years	408,451	182,718	60,777	107,625	5,316	225,733	31,723	185,161	8,650
35-39 years	556,020	248,254	74,803	162,690	10,761	307,766	29,458	262,321	15,987
40-44 years	609,070	262,398	70,030	176,473	15,895	346,672	26,113	204,661	25,898
45-49 years	660,673	287,016	71,002	192,124	22,000	382,662	22,778	318,072	41,312
50-54 years	660,906	320,662	75,527	212,556	32,479	340,304	20,981	263,742	55,981
55-59 years	548,186	285,724	63,198	184,366	38,160	252,462	18,577	181,763	62,122
60-64 years	389,523	199,975	38,299	126,465	35,211	180,548	16,948	108,749	63,851
65-69 years	271,865	136,414	23,116	81,906	31,392	135,451	13,955	60,375	61,121
70-74 years	175,264	83,782	12,558	45,727	25,497	91,482	10,559	28,372	52,554
75-79 years	104,608	47,707	6,406	22,470	18,822	56,001	6,581	11,723	38,597
80 and over	70,020	29,721	3,328	10,595	45,708	40,209	4,295	4,534	31,070
Unknown	11,885	5,487	2,312	2,014	1,161	6,398	949	3,317	2,132

<sup>1</sup> Widowed, divorced, and unknown.

Source: Department of Justice, Immigration and Naturalization Service; release.

## No. 134.—ALIENS REGISTERED AS OF DECEMBER 26, 1940, BY SELECTED COUNTRIES OF BIRTH, BY STATE OF RESIDENCE

STATE OF RESIDENCE	Total	COUNTRY OF BIRTH						
		Italy	Canada	Poland	Mexico	Russia	Germany	Others
Total	5,008,857	703,445	467,258	446,462	428,519	370,308	321,080	2,277,785
New England	668,517	110,192	163,670	62,170	196	42,611	10,488	259,489
Maine	47,233	1,105	35,272	777	21	968	215	8,875
New Hampshire	30,538	697	18,236	2,105	11	1,060	307	8,122
Vermont	15,927	659	10,826	765	9	349	136	3,183
Massachusetts	364,421	63,989	61,654	80,956	94	26,907	4,179	156,642
Rhode Island	52,570	11,824	11,745	3,335	10	1,793	715	23,048
Connecticut	158,128	41,818	15,937	24,232	51	11,534	4,937	59,619
Middle Atlantic	1,906,720	394,787	75,259	212,355	5,424	196,618	172,599	849,683
New York	1,257,501	260,255	62,385	122,937	3,600	145,202	130,803	542,321
New Jersey	279,109	72,582	6,721	36,291	298	20,230	24,820	118,248
Pennsylvania	370,020	71,952	6,153	53,127	1,526	31,172	16,976	188,114
East North Central	950,728	86,738	107,156	141,895	21,844	92,065	71,973	460,249
Ohio	203,038	26,901	9,410	23,391	1,461	11,601	11,547	118,637
Indiana	44,385	2,357	2,603	5,080	2,771	2,010	3,973	24,091
Illinois	325,070	35,292	18,728	63,352	11,921	26,800	28,981	154,996
Michigan	303,103	17,855	77,990	48,189	4,751	15,653	12,705	125,959
Wisconsin	75,127	3,332	3,428	11,083	940	5,911	14,707	35,066
West North Central	182,401	12,828	12,270	7,940	11,875	17,888	19,889	100,605
Minnesota	61,433	1,254	6,108	2,363	1,210	3,484	4,205	42,809
Iowa	24,648	1,203	1,183	433	1,268	1,358	4,516	14,717
Missouri	43,550	7,699	1,552	3,220	1,065	5,508	5,327	18,270
North Dakota	10,482	15	1,684	309	108	1,766	576	6,024
South Dakota	7,400	59	452	139	94	873	935	4,848
Nebraska	18,933	1,302	615	869	1,977	3,340	2,539	8,291
Kansas	15,955	697	706	598	5,053	1,664	1,591	5,646
South Atlantic	145,636	19,638	10,544	11,351	677	13,640	9,501	80,285
Delaware	6,428	1,726	246	1,172	15	572	333	2,364
Maryland	37,792	6,182	1,347	5,362	84	6,548	3,034	14,335
District of Columbia	14,752	2,154	1,031	553	90	2,063	1,057	7,804
Virginia	10,003	771	855	405	37	1,027	884	6,114
West Virginia	23,662	5,284	430	2,679	210	1,405	479	13,175
North Carolina	4,207	179	468	103	19	181	352	2,365
South Carolina	2,188	70	180	106	10	199	199	1,424
Georgia	5,187	237	492	272	29	546	484	3,127
Florida	41,327	3,035	5,465	699	183	1,089	1,779	29,077
East South Central	19,046	3,552	1,288	762	354	1,804	2,130	8,662
Kentucky	5,558	647	451	225	41	404	948	2,842
Tennessee	5,137	1,132	303	344	52	541	553	2,122
Alabama	5,132	892	323	131	78	255	412	3,031
Mississippi	3,219	881	106	62	183	104	217	1,667
West South Central	241,543	11,355	3,045	1,764	186,407	2,544	5,779	80,669
Arkansas	3,889	545	220	118	190	108	503	1,705
Louisiana	17,310	7,021	461	199	1,040	328	843	7,418
Oklahoma	6,946	424	596	285	1,419	601	676	2,945
Texas	213,898	3,345	1,768	1,162	183,758	1,507	3,757	18,601
Mountain	118,380	7,002	6,532	1,223	48,033	7,592	8,658	42,320
Montana	13,777	713	2,149	179	1,065	1,180	465	8,026
Idaho	8,232	289	1,412	55	315	308	409	5,444
Wyoming	5,917	298	225	150	1,434	700	146	2,964
Colorado	27,473	3,093	1,122	639	6,908	5,004	1,104	9,603
New Mexico	12,402	366	173	54	9,909	89	242	1,569
Arizona	31,954	217	518	82	26,807	177	218	3,035
Utah	10,487	984	603	39	796	78	863	7,124
Nevada	6,118	1,042	330	25	799	56	211	8,655
Pacific	668,524	58,714	64,285	7,081	147,204	25,576	24,891	830,893
Washington	81,636	3,982	17,019	1,206	425	3,222	3,025	52,667
Oregon	34,424	1,983	6,573	453	340	2,384	1,914	20,777
California	542,464	52,740	40,693	5,282	146,439	19,970	19,952	257,379
Alaska	3,405	52	479	31	17	147	116	2,563
Hawaii	91,447	34	205	45	23	123	98	90,829
Puerto Rico	14,854	90	29	12	87	14	43	14,579
Virgin Islands	3,853	2	5	5	2	2	10	3,627
American Samoa	105	1	1	1	1	1	7	97
Other <sup>1</sup>	6,423	80	2,403	78	1,576	84	97	2,105

<sup>1</sup> Includes Canadian and Mexican commuters and visitors.

Source: Department of Justice, Immigration and Naturalization Service; release.

## 5. Education

### GENERAL NOTE

Data on school attendance and on highest grade of school completed were obtained for each person in the United States as part of the 1940 Census of Population (see tables 135-141). The Biennial Survey of Education, conducted by the U. S. Office of Education, covers enrollment and attendance, teaching staff, finances, and other information on public education facilities at all levels, with less complete information for private schools (see tables 142-160). Other statistical studies of the U. S. Office of Education, publications of the National Education Association, Annual or Biennial Reports of the State Departments of Education, and educational journals are the other chief regular sources of statistical materials in the field of education. Many special studies are made by research divisions of city school systems, by schools of education in colleges and universities, and by educational foundations.

*Educational Statistics for Individuals.*—The school attendance statistics compiled from the 1940 Population Census are based on the replies to the enumerator's inquiry as to whether the person had attended, or had been enrolled in, any regular school or college between March 1 and April 1, 1940. Night schools, extension schools, or vocational schools are not included unless they are a part of the regular school system; and no correspondence schools are included.

In the same census, for the first time, a question on the formal educational attainment of each person was included. For each person the last full grade that the person had completed in the regular school system—public, private, or parochial school, college, or university. This question replaced the inquiry on illiteracy included in previous censuses. For persons 25 years old and over, the highest grade of school completed is given by 5-year age periods, but not cross-classified by school attendance as most of these persons are assumed to have completed their schooling. Several tables are included summarizing the educational statistics in terms of the median year of school completed. The median year of school completed may be defined as the year which divides the population group into equal parts—one-half having completed more schooling and one-half having completed less schooling than the median. The completion of the first year of high school is indicated by 9 and of the last year of college by 16. For the sake of comparability, the first year of high school is uniformly represented by 9, although there are some areas with only 7 years of elementary school.

*Statistics for Schools.*—Working through national committees since 1910, the U. S. Office of Education, in cooperation with the State departments of education, has brought about a considerable degree of uniformity in recording and reporting educational statistics and a similar movement has been in progress with institutions of higher education since about 1930, the U. S. Office of Education serving as a clearing house for uniform procedures in records and reports.

The statistics presented in the Abstract from the Biennial Survey of Education include current national totals and summaries for a period of years. The national totals are reasonably complete for the types of education covered but data are not included for private schools of art, music, drama, etc., for private trade and vocational schools or private correspondence schools. The introduction of the junior high school, which includes the 7th and 8th grades from the traditional elementary school and the 9th grade from the regular high school, has made it impossible to compare elementary school or high school data over a period of years except on the basis of grade enrollment, 8 grades as elementary and 4 grades as secondary. Similarly the change in status of a large number of normal schools and teachers' colleges to State colleges and universities makes comparison of normal schools and teachers' colleges over a period of years nonrepresentative of the complete teacher training field. Detailed statistics on the major fields of education are published in the reports of the Biennial Survey of Education. National totals from these reports are summarized in the chapter, "Statistical Summary of Education."

Information presented in the Abstract on vocational education, including War Production Training, is obtained from the "Digest of Annual Reports of State Boards for Voca-

tional Education to the U. S. Office of Education, Vocational Division (See tables 161-164). The data on vocational rehabilitation are compiled by the Office of Vocational Rehabilitation (see table 165).

Data in this section relate to continental United States except as noted.

**No. 135.—PERSONS ATTENDING SCHOOL BY SINGLE YEARS OF AGE FROM 5 TO 20,  
BY SEX: 1910 TO 1940**

[Statistics for 1940 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if they were part of the regular school system. No correspondence schools were included. In the 3 prior censuses, the school attendance question was not restricted as to type of school or college. In 1940, the question referred to the period between Mar. 1, and Apr. 1, 1940; in 1930, to the period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920 and 1910, to the period between the preceding Sept. 1 and the census date (Jan. 1).]

AGE AND SEX	1910		1920		1930		1940	
	Number	Percent of popula- tion						
<b>TOTAL</b>								
5 to 20 years	17,848,877	59.2	21,973,976	84.3	26,849,639	89.9	26,293,224	70.3
5 years	346,673	17.0	441,411	18.8	500,734	20.0	385,160	18.0
6 years	1,059,353	52.1	1,480,714	63.3	1,667,486	66.3	1,420,051	69.1
7 years	1,464,730	75.0	1,905,404	83.8	2,207,331	89.4	1,035,819	92.4
8 years	1,585,672	82.7	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8
9 years	1,597,665	86.2	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6
10 years	1,681,342	90.0	2,077,985	93.0	2,427,254	97.1	2,209,240	95.7
11 years	1,555,301	91.2	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9
12 years	1,716,310	89.8	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5
13 years	1,574,253	88.8	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8
14 years	1,501,450	81.2	1,766,784	86.3	2,212,525	92.9	2,224,670	92.5
15 years	1,175,009	68.3	1,357,345	72.9	1,943,553	84.7	1,22,995	87.6
16 years	943,511	50.6	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2
17 years	629,866	35.3	642,360	34.6	1,100,018	47.9	1,464,027	60.9
18 years	434,884	22.6	413,619	21.7	723,524	30.7	940,105	36.4
19 years	254,421	14.4	252,580	13.8	441,814	19.8	508,380	20.9
20 years	155,551	8.4	148,352	8.3	291,446	13.1	294,962	12.5
<b>MALE</b>								
5 to 20 years	8,883,583	59.1	10,663,547	64.1	13,521,768	70.2	13,818,771	71.2
5 years	171,687	16.7	217,446	18.3	247,739	19.5	190,842	17.5
6 years	529,244	61.7	759,500	62.8	832,088	65.5	710,525	68.2
7 years	737,137	74.7	950,128	83.1	1,111,729	89.0	975,904	92.2
8 years	797,446	82.5	1,011,506	88.3	1,284,410	94.0	1,057,382	94.7
9 years	792,754	86.1	982,227	90.3	1,217,161	95.4	1,082,888	95.5
10 years	848,141	89.6	1,048,389	92.0	1,226,457	96.9	1,121,202	95.6
11 years	779,675	90.9	959,744	93.8	1,186,412	97.4	1,071,248	95.8
12 years	804,799	89.2	1,032,683	93.0	1,222,203	96.9	1,176,278	95.3
13 years	788,111	88.3	941,325	92.4	1,126,382	96.4	1,142,178	94.6
14 years	755,370	80.7	890,571	86.2	1,120,653	92.9	1,122,703	92.2
15 years	582,331	67.5	665,948	71.9	978,070	84.8	1,067,177	87.3
16 years	468,081	49.3	470,433	48.2	777,685	65.8	945,009	75.7
17 years	305,948	34.0	297,100	32.1	544,739	47.1	734,581	60.5
18 years	209,687	22.1	192,481	20.5	359,527	31.1	488,680	38.1
19 years	131,514	14.8	127,011	14.0	229,899	20.8	281,123	23.2
20 years	83,600	9.3	78,355	9.3	155,714	14.6	166,081	14.4
<b>FEMALE</b>								
5 to 20 years	8,813,344	59.4	10,710,428	64.5	13,327,871	69.7	12,979,458	70.4
5 years	174,986	17.4	223,965	19.3	252,995	20.5	194,318	18.4
6 years	580,109	52.4	741,414	63.9	885,898	67.1	709,526	70.1
7 years	727,583	75.2	946,278	83.5	1,095,602	89.7	959,915	92.7
8 years	789,127	82.8	909,388	88.6	1,216,638	94.3	1,032,146	95.0
9 years	774,911	86.3	962,087	90.5	1,184,195	95.7	1,030,701	95.7
10 years	833,201	90.4	1,029,578	93.2	1,200,797	97.2	1,088,038	95.8
11 years	775,626	91.5	980,511	94.1	1,124,323	97.6	1,054,416	96.0
12 years	851,511	90.3	1,030,168	93.4	1,186,420	97.3	1,138,992	95.7
13 years	786,142	89.3	936,104	92.7	1,115,671	96.7	1,123,817	95.1
14 years	746,077	81.8	876,213	86.5	1,092,172	92.9	1,101,967	92.8
15 years	692,078	69.0	691,397	73.9	964,483	84.5	1,055,818	88.0
16 years	487,430	51.9	531,268	53.3	792,254	66.8	952,170	70.8
17 years	323,918	36.6	345,260	37.2	555,279	48.8	729,446	61.3
18 years	225,177	23.0	221,138	22.8	363,997	30.3	451,455	34.7
19 years	122,907	14.1	125,069	13.6	211,915	18.8	228,257	18.7
20 years	71,951	7.5	68,997	7.5	135,732	11.7	128,881	10.6

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

No. 136.—PERSONS ATTENDING SCHOOL BY SINGLE YEARS OF AGE FROM 5 TO 24,  
BY COLOR AND SEX: 1940

AGE	WHITE				NONWHITE			
	Male		Female		Male		Female	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
5 to 24 years, total	12,219,451	59.2	11,676,481	57.4	1,395,134	58.4	1,468,083	53.3
5 years	174,923	18.4	176,546	19.2	15,919	11.7	17,772	12.9
6 years	630,095	69.6	622,447	71.3	80,430	58.8	87,079	62.4
7 years	861,191	93.1	841,776	93.6	114,713	85.4	118,139	87.0
8 years	932,918	95.3	905,053	95.4	124,464	90.3	127,093	91.4
9 years	943,654	95.9	910,371	96.1	110,234	92.2	120,420	92.9
10 years	989,969	96.0	956,469	96.2	131,233	92.3	131,560	93.2
11 years	957,471	96.1	936,270	96.3	113,777	92.7	118,146	93.7
12 years	1,041,244	95.8	1,003,056	96.0	135,034	91.3	135,936	93.0
13 years	1,015,344	95.3	991,574	95.6	126,834	89.3	131,743	91.6
14 years	1,005,204	93.1	976,008	93.4	117,499	84.8	125,959	88.3
15 years	966,324	88.7	944,691	89.0	100,853	75.8	111,127	80.2
16 years	862,091	77.6	857,612	78.3	82,319	60.2	94,558	65.1
17 years	670,300	62.8	666,514	63.1	55,281	42.1	62,932	46.9
18 years	453,603	39.7	410,053	35.7	35,047	25.1	41,402	27.1
19 years	282,357	24.1	207,573	19.1	18,766	15.2	20,684	15.4
20 years	156,022	15.1	117,732	11.0	10,059	8.3	11,149	7.4
21 years	116,191	11.0	74,988	7.0	5,847	5.0	5,300	4.4
22 years	79,152	7.9	39,504	3.8	3,681	3.2	3,519	2.6
23 years	53,309	5.3	22,683	2.2	2,316	2.1	2,115	1.6
24 years	38,490	3.8	15,511	1.5	1,823	1.6	1,441	1.1

No. 137.—MEDIAN YEARS OF SCHOOL COMPLETED BY PERSONS 5 TO 24 YEARS OLD, BY SINGLE YEARS OF AGE: 1940

Medians for persons 5 and 6 years old attending school, and for those 5 to 7 years old not attending school may be assumed to be less than 1.0 years]

AGE AND SCHOOL ATTENDANCE	Total	WHITE		NONWHITE		Urban	Rural-non farm	Rural-farm
		Male	Female	Male	Female			
		Male	Female	Male	Female			
Attending school:								
7 years old	1.5	1.5	1.6	1.5	1.4	1.5	1.6	1.5
8 years old	2.4	2.3	2.4	2.4	1.9	2.1	2.5	2.3
9 years old	3.3	3.2	3.4	3.3	3.4	2.6	3.4	3.1
10 years old	4.2	4.1	4.3	4.2	4.4	3.2	4.3	4.0
11 years old	5.2	5.1	5.3	5.1	5.3	3.9	4.4	4.9
12 years old	6.1	6.0	6.2	6.1	6.3	4.5	5.1	5.7
13 years old	7.1	6.9	7.2	7.0	7.3	5.2	5.9	6.7
14 years old	8.1	7.9	8.2	8.0	8.3	6.1	6.7	7.6
15 years old	9.1	8.9	9.2	9.0	9.3	6.9	7.6	8.6
16 years old	10.0	9.9	10.2	10.0	10.3	7.9	8.7	10.2
17 years old	11.1	10.9	11.2	11.0	11.2	9.2	9.8	11.0
18 years old	11.7	11.6	11.8	11.6	11.8	10.2	10.6	11.6
19 years old	12.5	12.3	12.6	12.4	12.7	11.0	11.3	12.3
20 years old	13.4	13.8	13.4	13.4	13.5	11.6	11.9	13.3
21 years old	14.4	14.3	14.4	14.4	14.5	12.4	12.6	14.5
22 years old	14.8	14.9	14.4	15.0	14.5	13.2	12.8	14.9
23 years old	14.9	15.2	14.0	15.2	14.1	13.3	12.8	15.1
24 years old	15.0	15.3	13.7	15.4	13.8	13.6	12.6	15.0
Not attending school:								
8 years old	1.8	1.7	1.9	2.0	2.2	1.0	2.2	1.7
9 years old	2.7	2.6	2.9	2.8	3.1	1.4	1.7	2.4
10 years old	3.4	3.3	3.7	3.6	4.0	1.9	2.2	3.0
11 years old	4.3	4.1	4.5	4.4	4.9	2.4	2.8	4.2
12 years old	4.9	4.6	5.3	5.1	5.7	2.8	3.5	4.8
13 years old	5.7	5.2	6.2	6.0	6.6	3.3	4.1	5.4
14 years old	6.7	6.2	7.2	6.9	7.6	3.9	4.9	6.1
15 years old	7.5	7.0	7.9	7.7	8.2	4.6	5.7	7.2
16 years old	8.2	7.9	8.4	8.2	8.6	5.2	6.5	8.8
17 years old	8.7	8.4	8.9	8.7	9.2	5.8	7.1	9.5
18 years old	9.8	9.2	10.3	9.6	10.7	6.3	7.5	10.8
19 years old	10.6	10.1	11.1	10.4	11.6	6.7	7.9	11.6
20 years old	10.7	10.3	11.1	10.7	11.7	6.7	7.7	11.7
21 years old	10.9	10.4	11.4	10.8	11.9	6.8	7.9	11.9
22 years old	10.9	10.5	11.4	10.9	11.9	6.6	7.7	12.0
23 years old	10.9	10.6	11.2	10.9	11.8	6.7	7.7	11.9
24 years old	10.8	10.5	11.0	10.9	11.7	6.7	7.7	11.7

Source of tables 136 and 137: Dept. of Commerce, Bureau of the Census; 16th Census Reports, Population, Vol. IV, Part 1.

## No. 138.—SCHOOL ATTENDANCE FOR PERSONS

DIVISION AND STATE	TOTAL PERSONS 5 TO 24 YEARS OLD			5 AND 6 YEARS OLD			7 TO 13 YEARS OLD		
	Total number	Attending school		Total number	Attending school		Total number	Attending school	
		Number	Percent		Number	Percent		Number	Percent
Total	46,851,915	28,759,098	61.7	4,196,793	1,805,211	43.0	15,828,036	15,034,695	95.0
New England	2,808,888	1,689,746	60.2	233,898	184,240	57.4	886,858	918,611	97.5
Maine	290,405	184,678	62.3	28,551	17,463	61.2	106,886	104,268	97.6
New Hampshire	161,060	95,228	58.8	14,585	5,887	40.4	56,020	54,291	96.9
Vermont	124,115	73,240	59.0	11,943	4,357	36.5	43,993	42,814	97.3
Massachusetts	1,418,952	860,665	60.9	115,988	66,469	57.3	409,163	457,448	97.5
Rhode Island	242,808	139,151	57.3	19,268	10,830	56.2	79,107	77,136	97.5
Connecticut	569,088	336,784	59.2	43,563	29,234	67.1	181,689	177,654	97.8
Middle Atlantic	9,119,520	5,457,451	59.6	736,123	401,117	54.6	3,021,683	2,886,471	97.2
New York	4,212,569	2,564,162	60.6	340,192	210,352	61.8	1,387,881	1,346,587	97.0
New Jersey	1,370,522	806,993	58.9	104,401	72,311	69.2	444,351	431,608	97.1
Pennsylvania	3,536,420	2,076,206	58.7	291,440	118,454	40.6	1,189,461	1,155,326	97.4
East North Central	8,888,317	5,301,499	59.8	763,097	388,519	50.7	2,977,921	2,903,121	97.5
Ohio	2,295,373	1,365,601	59.5	191,624	79,188	41.3	760,317	741,262	97.5
Indiana	1,154,857	681,167	50.0	100,924	58,939	38.6	393,009	381,976	97.2
Illinois	2,521,877	1,463,310	59.0	209,888	99,478	47.4	824,368	802,645	97.4
Michigan	1,818,143	1,123,792	61.8	162,628	113,460	69.8	625,201	610,563	97.7
Wisconsin	1,075,062	667,620	62.1	97,963	55,464	56.6	375,026	366,675	97.8
West North Central	4,634,123	2,792,794	60.3	428,491	225,910	53.4	1,594,097	1,547,818	97.1
Minnesota	962,036	576,887	60.0	86,305	45,368	52.6	323,834	316,245	97.7
Iowa	850,864	526,087	61.2	78,234	52,188	66.7	203,826	206,683	97.6
Missouri	1,245,451	715,275	57.4	113,804	54,874	48.4	427,707	409,205	95.7
North Dakota	252,298	149,441	50.4	24,544	8,473	34.5	90,898	87,939	96.7
South Dakota	240,150	146,086	60.8	23,149	8,719	37.7	84,604	82,587	97.5
Nebraska	459,425	292,121	63.6	41,916	29,320	69.9	160,899	157,403	97.8
Kansas	614,900	386,427	62.8	55,079	26,980	48.2	212,239	207,304	97.7
South Atlantic	7,080,678	3,813,889	53.9	690,478	200,006	30.3	2,468,515	2,322,402	94.3
Delaware	88,590	49,280	55.6	7,527	2,883	38.3	29,157	28,377	97.3
Maryland	629,891	343,897	54.6	55,150	21,561	39.1	210,159	203,998	96.6
Dist. of Col.	162,497	110,040	67.2	14,499	8,950	61.7	55,253	53,901	97.6
Virginia	1,058,128	554,903	52.4	100,261	20,372	20.3	367,798	343,468	93.4
West Virginia	777,092	440,123	56.6	78,491	22,559	28.7	277,654	266,355	95.9
North Carolina	1,545,805	835,492	54.0	166,782	40,133	25.6	547,013	520,952	95.2
South Carolina	848,005	452,361	53.3	58,947	27,094	30.4	267,314	278,613	93.7
Georgia	1,277,113	664,607	52.0	128,907	44,592	34.6	449,562	413,209	91.9
Florida	663,547	363,006	54.7	69,812	20,862	34.9	229,605	214,330	93.4
East South Central	4,845,197	2,179,471	50.2	447,491	112,873	25.2	1,576,184	1,315,851	88.5
Kentucky	1,119,506	436,771	30.0	115,313	21,150	18.3	404,759	253,603	62.7
Tennessee	1,189,873	602,378	52.8	113,810	31,387	27.6	404,619	387,232	90.8
Alabama	1,183,906	646,310	54.7	123,021	28,732	23.3	393,070	400,230	92.4
Mississippi	904,912	494,012	54.0	95,277	31,395	33.0	333,686	294,700	88.3
West South Central	5,041,588	2,826,552	56.1	500,607	148,891	29.3	1,793,001	1,675,877	98.5
Arkansas	783,509	425,224	54.3	80,930	27,717	34.2	283,025	252,132	89.1
Louisiana	628,606	504,399	54.3	90,681	29,202	32.2	332,126	307,045	92.4
Oklahoma	903,979	555,998	61.5	91,271	36,045	39.5	322,284	311,623	96.7
Texas	2,425,405	1,340,931	55.3	237,725	53,727	22.6	855,566	804,877	94.1
Mountain	1,544,513	929,753	60.2	155,272	57,157	36.8	542,878	521,350	96.0
Montana	195,728	116,408	59.5	18,225	5,950	32.7	65,229	63,477	97.3
Idaho	187,849	120,471	60.9	19,287	5,616	29.1	68,543	67,027	97.8
Wyoming	51,336	53,904	59.0	8,787	3,215	36.6	30,838	30,085	97.6
Colorado	388,700	234,607	60.4	37,282	16,219	43.5	134,238	130,412	97.1
New Mexico	220,622	129,187	58.6	26,118	8,584	34.2	82,920	77,493	93.5
Arizona	193,006	110,416	57.2	20,639	7,914	38.3	70,430	64,197	91.2
Utah	223,675	144,887	64.8	22,730	8,157	35.9	79,713	78,019	97.9
Nevada	33,697	19,893	59.0	3,195	1,493	48.7	10,967	10,640	97.0
Pacific	2,911,590	1,788,144	61.4	246,467	181,898	53.5	821,938	888,898	97.5
Washington	560,196	324,579	60.1	46,451	17,575	37.8	171,555	166,945	97.3
Oregon	338,056	199,652	59.1	28,664	9,427	32.9	109,358	105,687	96.6
California	2,033,338	1,268,913	62.2	171,352	104,396	61.2	641,025	626,264	97.7

## 5 TO 24 YEARS OLD, BY AGE, BY STATES: 1940

14 AND 15 YEARS OLD			16 TO 20 YEARS OLD			21 TO 24 YEARS OLD			DIVISION AND STATE	
Total number	Attending school		Total number	Attending school		Total number	Attending school			
	Number	Percent		Number	Percent		Number	Percent		
4,828,249	4,347,665	90.0	12,278,046	5,105,653	41.6	9,220,793	465,875	5.1	Total.	
296,400	282,189	95.2	780,936	328,518	43.2	580,286	31,188	5.4	N. E.	
32,198	29,416	91.4	76,367	31,456	41.2	52,463	2,075	4.0	Maine.	
17,216	16,017	93.0	42,692	17,490	41.0	31,447	1,543	4.9	N. H.	
13,136	11,843	90.2	32,169	13,209	41.1	22,874	1,017	4.4	Vt.	
149,194	143,141	95.9	384,477	175,287	45.6	295,130	18,320	6.2	Mass.	
25,099	25,036	96.3	68,160	23,923	35.1	50,274	2,226	4.4	R. I.	
55,657	56,736	96.7	157,071	67,153	42.8	128,108	6,007	4.7	Conn.	
952,249	910,933	95.6	2,475,275	1,039,488	44.0	1,934,180	100,054	5.2	M. A.	
430,413	414,528	96.3	1,134,846	525,636	46.3	919,237	57,109	6.2	N. Y.	
141,201	133,864	94.8	376,258	154,768	40.8	301,221	14,442	4.8	N. J.	
380,635	361,931	95.1	961,171	409,082	42.6	713,722	28,503	4.0	Pa.	
925,682	870,177	94.0	2,357,380	1,048,617	44.4	1,842,107	65,065	5.2	E. N. C.	
242,569	232,569	95.9	621,879	287,987	46.3	479,989	24,595	5.1	Ohio.	
122,323	116,271	95.1	307,655	133,836	43.5	230,946	10,145	4.4	Ind.	
257,065	239,844	93.3	677,014	290,891	43.0	553,542	30,452	5.5	Ill.	
191,359	180,290	94.2	471,161	202,516	43.0	367,704	16,973	4.6	Mich.	
112,616	101,203	89.9	279,621	131,387	47.0	209,886	12,900	6.1	Wis.	
488,051	436,216	89.4	1,234,829	533,413	43.2	898,715	49,939	5.6	W. N. C.	
99,234	89,667	90.4	256,013	113,379	44.3	196,649	12,240	6.2	Minn.	
90,182	80,959	89.8	229,663	97,962	42.7	167,979	8,265	4.9	Iowa.	
131,683	115,026	87.4	331,027	125,522	37.9	241,730	10,638	4.4	Mo.	
26,419	22,425	84.9	65,065	28,095	43.2	45,372	3,009	6.6	N. D.	
25,335	22,476	88.7	63,755	29,680	46.6	43,217	2,674	6.2	S. D.	
48,013	44,765	91.5	122,079	55,628	45.2	84,718	5,005	5.9	Nebr.	
66,305	60,888	91.8	166,327	83,147	50.0	114,050	8,108	7.1	Kans.	
727,857	614,511	84.4	1,850,972	618,802	38.4	1,347,858	49,168	3.6	S. A.	
8,565	7,942	92.7	24,143	9,240	38.3	19,207	818	4.3	Del.	
64,358	57,017	88.6	160,258	55,676	32.9	130,966	6,545	5.0	Md.	
17,456	16,806	96.3	51,294	24,054	46.9	53,995	6,320	11.7	D. C.	
110,043	91,952	83.6	280,113	92,623	33.1	199,913	6,488	3.2	Va.	
82,621	73,408	88.8	199,897	72,601	36.3	138,429	5,200	3.8	W. Va.	
161,555	134,912	83.5	401,224	131,740	32.8	279,231	7,755	2.8	N. C.	
86,856	73,117	84.2	224,391	69,483	31.0	150,398	4,054	2.7	S. C.	
128,916	101,211	78.5	330,280	93,567	29.8	239,448	6,938	2.9	Ga.	
67,487	58,146	86.2	170,372	64,618	37.9	186,271	5,041	3.7	Fla.	
452,144	348,788	77.1	1,105,695	374,383	38.9	763,733	27,831	3.6	E. S. C.	
117,772	73,712	62.6	286,810	81,431	28.4	194,852	6,876	3.5	Ky.	
118,227	96,130	81.3	293,313	99,787	34.0	209,904	7,842	3.7	Tenn.	
122,490	103,331	84.4	297,311	106,559	35.8	204,944	7,452	3.6	Ala.	
93,655	75,610	80.7	228,261	86,556	37.9	154,033	5,661	3.7	Miss.	
534,868	458,688	85.8	1,305,190	504,965	38.7	907,923	40,531	4.5	W. S. C.	
84,572	68,487	80.9	201,498	72,833	35.9	133,574	4,585	3.4	Ark.	
96,531	79,603	82.5	238,968	81,715	34.2	170,300	6,834	4.0	La.	
98,317	88,885	90.4	236,040	109,343	46.3	156,067	10,102	6.5	Oklahoma.	
255,448	221,743	86.8	628,684	241,574	38.4	447,982	19,010	4.2	Tex.	
156,689	144,139	92.0	395,283	187,834	47.5	294,397	19,273	6.5	Mt.	
19,570	18,307	93.5	51,755	25,863	50.0	40,949	2,802	6.8	Mont.	
20,421	19,102	93.5	51,504	26,168	50.8	38,094	2,553	6.7	Idaho.	
9,003	8,478	94.2	24,000	11,191	46.6	18,708	935	5.0	Wyo.	
30,459	36,163	91.6	101,689	46,650	45.9	76,032	5,163	6.8	Colo.	
22,388	19,504	87.1	53,095	21,817	41.1	37,001	1,789	4.8	N. Mex.	
19,298	16,930	87.7	47,496	19,392	40.8	35,143	1,983	5.6	Ariz.	
23,343	22,636	97.0	57,304	32,484	56.7	40,576	3,571	8.8	Utah.	
3,201	3,019	94.3	8,440	4,269	50.6	7,894	472	6.0	Nev.	
294,065	283,689	96.1	792,588	421,885	58.2	656,584	52,826	8.0	Pac.	
54,151	51,675	95.4	149,134	79,056	53.0	118,905	9,328	7.8	Wash.	
34,862	32,695	93.8	92,479	46,388	50.2	72,603	5,455	7.5	Oreg.	
205,052	198,269	96.7	550,923	290,441	53.8	464,986	38,048	8.2	Calif.	

Source: Department of Commerce, Bureau of the Census, Sixteenth Census Reports, Population, Vol. II, Part 1.

## No. 139.—YEARS OF SCHOOL COMPLETED FOR PERSONS

AGE AND SEX	Population	None	YEARS OF SCHOOL COMPLETED		
			Grade school		
			1 to 4 years	5 and 6 years	7 and 8 years
<b>TOTAL</b>					
1      25 and over.....	74,776,838	2,799,923	7,304,689	8,515,111	25,897,953
2      25 to 29 years.....	11,096,638	112,327	540,800	803,107	2,910,562
3      30 to 34 years.....	10,242,388	131,941	592,738	869,307	3,095,654
4      35 to 39 years.....	9,545,377	186,210	734,582	981,082	3,310,768
5      40 to 44 years.....	8,787,843	251,108	806,230	988,079	3,215,266
6      45 to 49 years.....	8,256,225	353,883	919,901	1,027,274	3,059,812
7      50 to 54 years.....	7,256,846	393,486	904,528	958,259	2,730,010
8      55 to 59 years.....	5,843,865	342,878	765,767	806,686	2,238,980
9      60 to 64 years.....	4,728,340	294,084	642,342	676,404	1,887,447
10     65 to 69 years.....	3,800,657	283,995	581,596	574,217	1,406,680
11     70 to 74 years.....	2,669,632	200,699	389,612	401,421	1,017,583
12     75 years and over.....	2,643,126	250,412	426,643	432,275	1,015,201
<b>MALE</b>					
13     25 and over.....	37,483,087	1,471,290	4,079,100	4,899,910	13,239,380
14     25 to 29 years.....	5,450,662	63,286	310,406	410,020	1,485,833
15     30 to 34 years.....	5,070,312	72,659	332,754	437,620	1,508,507
16     35 to 39 years.....	4,745,660	98,351	308,077	495,941	1,721,123
17     40 to 44 years.....	4,419,135	127,093	435,232	506,287	1,667,558
18     45 to 49 years.....	4,209,269	179,264	513,113	538,700	1,590,327
19     50 to 54 years.....	3,752,750	208,965	510,260	514,067	1,423,036
20     55 to 59 years.....	3,011,364	180,372	440,383	430,249	1,154,639
21     60 to 64 years.....	2,397,818	168,069	366,362	356,025	925,085
22     65 to 69 years.....	1,806,088	150,363	323,073	294,516	718,354
23     70 to 74 years.....	1,270,967	105,180	216,750	206,240	491,349
24     75 years and over.....	1,239,065	121,688	223,690	210,236	462,579
<b>FEMALE</b>					
25     25 and over.....	37,312,749	1,328,633	3,225,589	4,115,201	12,658,573
26     25 to 29 years.....	5,645,976	49,041	230,394	398,087	1,424,729
27     30 to 34 years.....	5,172,076	59,282	259,984	428,687	1,497,057
28     35 to 39 years.....	4,799,718	86,859	336,455	485,141	1,589,645
29     40 to 44 years.....	4,368,708	124,015	370,998	481,792	1,547,098
30     45 to 49 years.....	4,046,956	174,619	406,738	488,565	1,469,485
31     50 to 54 years.....	3,504,096	184,521	385,268	444,192	1,306,074
32     55 to 59 years.....	2,832,501	156,506	325,384	376,437	1,084,341
33     60 to 64 years.....	2,330,524	130,015	275,980	320,379	912,362
34     65 to 69 years.....	1,910,569	133,632	258,523	279,701	748,326
35     70 to 74 years.....	1,298,565	95,419	172,862	195,181	526,284
36     75 years and over.....	1,404,060	128,724	202,953	222,039	552,622

<sup>1</sup> Medians are based on distribution by single years of school completed.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

## 25 YEARS OLD AND OVER, BY AGE AND SEX: 1940

YEARS OF SCHOOL COMPLETED—Continued						
High school		College		Not reported	Median <sup>1</sup>	
1 to 3 years	4 years	1 to 3 years	4 years or more			
11,181,995	10,551,680	4,075,184	3,407,381	1,041,970	8.6	1
2,444,910	2,746,426	800,201	646,974	91,322	10.3	2
2,108,410	1,355,554	753,723	641,072	96,980	9.5	3
1,688,415	1,410,800	606,631	520,357	107,682	8.8	4
1,354,899	1,149,123	499,324	408,147	115,677	8.6	5
1,095,565	926,201	411,587	340,030	120,972	8.5	6
833,308	730,851	318,403	271,367	116,544	8.4	7
600,166	557,036	230,572	195,278	97,502	8.3	8
432,453	425,732	180,119	153,581	86,178	8.3	9
205,722	205,226	128,028	107,234	73,059	8.2	10
174,921	185,446	77,812	65,528	56,610	8.1	11
144,208	169,285	68,694	57,763	78,644	8.0	12
5,332,803	4,507,244	1,823,981	2,021,238	588,151	8.6	14
1,185,458	1,205,006	366,976	373,061	50,616	10.1	15
1,035,006	844,250	324,775	370,838	53,813	9.2	16
817,242	589,268	258,657	305,923	61,077	8.7	17
601,947	489,351	224,587	239,695	67,385	8.6	18
520,774	403,949	188,199	204,092	70,842	8.4	18
388,278	315,408	147,316	167,076	68,444	8.3	19
276,014	237,273	106,768	121,873	55,893	8.2	20
189,884	175,145	82,433	95,697	49,116	8.2	21
126,487	116,393	58,303	67,327	41,272	8.1	22
73,123	71,198	35,679	41,193	30,255	8.0	23
57,690	60,003	30,288	34,458	38,438	7.7	24
5,849,192	6,044,436	2,251,203	1,356,103	453,819	8.7	25
1,250,461	1,541,420	433,225	273,913	40,706	10.5	26
1,073,413	1,111,304	428,948	270,234	43,167	9.9	27
871,173	821,532	347,974	214,434	46,505	8.9	28
692,952	659,772	274,737	168,462	48,292	8.7	29
574,791	522,252	223,388	135,938	50,130	8.5	30
445,030	415,443	171,177	104,291	48,100	8.4	31
332,252	319,703	123,804	73,405	40,609	8.4	32
242,569	250,587	97,686	57,884	37,062	8.3	33
169,235	178,883	69,725	39,907	32,687	8.2	34
101,798	114,248	42,133	24,335	26,355	8.2	35
86,518	109,282	38,406	23,310	40,206	8.1	36

No. 140.—YEARS OF SCHOOL COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY AGE, BY STATES: 1940

DIVISION AND STATE	Persons 25 years old and over <sup>1</sup>	No school years completed	GRADE SCHOOL			HIGH SCHOOL		COLLEGE	
			1 to 4 years	5 and 6 years	7 and 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
Total	74,776,586	2,799,928	7,304,689	8,515,111	25,897,953	11,181,995	10,551,680	4,075,184	3,407,831
N. E.	5,056,175	197,983	812,411	435,297	1,736,818	872,262	917,209	242,898	248,273
Maine	480,767	9,941	25,450	36,805	170,743	95,633	95,792	25,235	16,652
N. H.	293,759	7,175	16,608	23,736	115,972	48,277	49,067	16,097	12,663
Vt.	205,163	3,203	9,374	16,227	89,740	37,555	36,782	11,363	8,388
Mass.	2,621,072	107,312	167,311	220,830	802,467	485,239	523,701	129,853	142,699
R. I.	423,921	22,191	35,900	51,428	157,097	63,628	55,115	14,387	18,926
Conn.	1,081,493	48,151	67,678	87,271	409,799	141,930	156,752	45,963	49,744
M. A.	16,601,654	807,450	1,218,028	1,872,243	6,555,130	2,882,827	2,180,540	687,152	823,762
N. Y.	8,430,789	468,985	561,212	692,784	3,842,826	1,249,159	1,124,769	341,711	461,810
N. J.	2,583,379	109,563	194,742	269,227	884,451	350,945	330,835	101,500	127,436
Pa.	5,037,686	228,902	467,072	710,232	2,207,843	762,723	721,936	223,941	234,516
E. N. C.	15,752,048	342,389	1,093,039	1,673,455	6,287,424	2,456,705	2,342,718	824,664	664,992
Ohio	4,103,918	82,075	262,345	448,228	1,552,356	670,760	659,232	203,026	180,860
Ind.	2,004,404	26,498	128,683	198,155	832,051	306,547	311,116	103,433	76,394
Ill.	4,828,402	131,567	329,051	433,548	2,021,466	704,587	685,452	256,088	216,477
Mich.	3,006,579	72,149	233,024	295,664	1,082,156	556,526	456,404	158,090	121,201
Wis.	1,808,745	30,073	139,136	197,863	799,395	221,295	227,509	101,972	70,060
W. N. C.	7,303,710	105,079	477,871	701,560	3,388,815	1,064,526	1,152,335	511,245	320,911
Minn.	1,000,208	23,112	96,387	142,370	722,875	203,219	224,801	105,615	67,093
Iowa	1,471,287	8,498	52,157	107,087	642,643	221,061	257,551	101,440	61,024
Mo.	2,269,742	43,273	180,531	250,401	968,582	285,265	287,979	120,761	88,180
N. Dak.	327,844	6,062	28,412	33,239	147,860	34,751	35,474	25,959	11,633
S. Dak.	344,948	4,082	20,878	30,213	157,059	44,105	44,419	28,321	13,020
Nebr.	751,863	7,176	37,785	58,736	306,458	120,702	128,831	54,689	32,029
Kans.	1,047,818	11,975	52,221	79,350	442,638	155,423	173,580	74,460	47,927
S. A.	9,054,585	454,106	1,622,449	1,548,985	2,192,691	1,209,787	998,188	488,392	407,642
Del.	158,428	5,204	15,233	20,073	49,331	27,408	22,186	6,734	8,184
Md.	1,054,688	29,702	131,850	188,422	325,893	136,291	122,497	43,984	50,371
D. C.	430,743	6,707	28,465	41,298	108,258	65,456	86,840	41,065	47,252
Va.	1,375,568	73,783	244,666	244,605	324,478	177,696	150,725	81,730	60,016
W. Va.	928,303	34,303	118,975	162,269	349,367	89,309	84,854	46,937	31,163
N. C.	1,049,820	95,414	337,639	309,347	344,891	226,448	182,816	88,864	67,038
S. C.	841,138	66,074	226,998	146,746	120,860	117,962	73,418	39,899	39,399
Ga.	1,533,488	99,917	361,954	279,681	299,926	210,517	140,821	73,099	50,512
Fla.	1,082,389	43,002	157,674	150,984	260,888	158,700	164,059	66,100	53,109
E. S. C.	5,837,105	280,958	1,040,512	945,491	1,497,327	631,336	477,986	288,155	158,781
Ky.	1,440,029	58,593	229,370	229,441	541,380	139,657	120,387	60,100	42,486
Tenn.	1,497,856	62,453	262,198	269,265	434,133	182,008	150,672	71,665	45,916
Ala.	1,354,738	90,883	300,060	283,177	291,899	176,860	117,615	56,097	38,960
Miss.	1,043,884	69,119	245,884	183,620	220,916	132,201	89,291	45,303	31,419
W. S. C.	6,789,801	401,087	1,068,107	1,041,927	1,608,200	1,140,426	808,894	405,493	271,552
Ark.	968,286	37,345	186,515	177,723	286,967	123,387	83,818	39,173	21,684
La.	1,204,647	154,432	275,222	209,207	266,002	144,162	117,809	51,126	42,316
Okla.	1,213,129	20,614	183,893	161,357	400,487	178,273	184,828	81,177	57,233
Tex.	3,413,730	176,426	402,477	490,140	712,744	694,604	450,430	234,018	150,419
Mt.	2,200,427	79,752	162,268	178,424	715,579	363,486	366,901	187,542	119,518
Mont.	315,147	4,980	18,510	25,094	125,542	46,630	49,437	27,184	15,079
Idaho	274,871	2,493	11,983	18,474	105,679	49,694	44,048	26,504	12,185
Wyo.	130,725	2,570	7,151	9,818	46,654	24,826	26,417	12,276	6,983
Colo.	657,936	14,840	42,356	50,908	216,187	103,850	113,771	50,506	37,752
N. Mex.	247,205	26,488	40,993	28,411	56,979	32,343	30,212	16,633	10,991
Ariz.	253,122	22,514	28,548	25,120	65,054	37,281	38,315	19,363	15,820
Utah	267,863	3,930	10,797	16,274	79,019	57,136	52,542	29,291	16,324
Nev.	67,468	1,987	3,940	4,237	20,466	11,726	13,159	5,886	4,404
Pac.	6,170,151	181,076	325,518	422,808	1,988,479	1,078,640	1,302,957	514,643	391,901
Wash.	1,074,077	12,994	50,140	73,084	387,470	183,102	212,056	86,356	59,454
Oreg.	673,519	6,706	28,404	42,416	252,466	110,758	126,247	57,709	36,757
Calif.	4,420,555	111,377	246,072	307,353	1,205,543	778,780	964,654	370,578	295,690

1 Includes 1,041,970 persons not reported by years of school completed and not shown separately in this table.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 141.—MEDIAN YEARS OF SCHOOL COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY RACE AND BY URBAN AND RURAL RESIDENCE, BY STATES: 1940

DIVISION AND STATE	MEDIAN YEARS OF SCHOOL COMPLETED							
	Total	Native white	Foreign-born white	Negro	Other races	Urban	Rural-non-farm	Rural-farm
United States	8.4	8.8	7.8	5.7	8.8	8.7	8.4	7.7
New England	8.8	10.0	7.3	7.8	7.0	8.8	8.9	8.6
Maine	8.9	9.6	7.6	7.8	7.1	9.1	9.0	8.7
New Hampshire	8.7	9.1	7.4	8.1		8.6	8.9	8.7
Vermont	8.8	9.0	7.8	8.0		9.5	8.8	8.5
Massachusetts	9.0	10.7	7.4	8.0	6.9	9.0	9.3	8.6
Rhode Island	8.3	8.8	6.8	7.6	6.5	8.3	8.3	8.2
Connecticut	8.5	9.1	7.1	7.6	7.7	8.4	8.7	8.8
Middle Atlantic	8.4	8.8	7.2	7.5	8.1	8.4	8.3	8.1
New York	8.4	9.0	7.4	7.8	6.0	8.4	8.7	8.3
New Jersey	8.4	8.8	7.2	7.2	6.5	8.4	8.4	7.9
Pennsylvania	8.2	8.6	5.9	7.1	6.7	8.4	8.1	8.0
East North Central	8.5	8.8	7.3	7.5	7.5	8.7	8.5	8.1
Ohio	8.6	8.8	6.9	7.4	7.2	8.7	8.5	8.2
Indiana	8.5	8.6	7.2	7.6	7.5	8.7	8.5	8.2
Illinois	8.5	8.8	7.4	7.7	8.7	8.6	8.3	8.1
Michigan	8.6	9.0	7.5	7.6	7.0	8.8	8.6	8.1
Wisconsin	8.3	8.5	7.3	7.5	7.3	8.6	8.4	7.9
West North Central	8.5	8.7	7.6	7.4	7.0	8.9	8.5	8.1
Minnesota	8.5	8.7	7.6	8.4	7.0	8.9	8.4	8.0
Iowa	8.7	8.8	7.8	8.0	7.7	9.6	8.7	8.4
Missouri	8.3	8.4	7.5	7.2	8.3	8.6	8.3	7.9
North Dakota	8.3	8.5	7.5	7.3	5.8	9.8	8.4	7.9
South Dakota	8.5	8.7	7.6	8.3	6.9	10.0	8.8	8.1
Nebraska	8.8	8.9	7.6	8.0	8.1	9.9	8.8	8.3
Kansas	8.7	8.8	7.3	7.9	7.8	9.8	8.7	8.4
South Atlantic	7.8	8.5	7.7	4.9	5.3	8.6	7.7	6.5
Delaware	8.5	8.9	7.0	6.1		8.7	8.6	7.7
Maryland	8.0	8.4	6.8	5.8	6.2	8.0	8.2	7.4
District of Columbia	10.3	12.1	8.3	7.6	8.0	10.3		
Virginia	7.7	8.3	8.3	5.0	6.6	8.7	7.7	6.6
West Virginia	7.8	7.9	5.7	6.5		8.7	7.6	7.3
North Carolina	7.4	8.1	10.6	5.1	4.9	8.8	7.6	6.6
South Carolina	6.7	8.7	9.1	3.9	3.6	8.7	6.9	5.5
Georgia	7.1	8.4	8.9	4.2	7.7	8.1	7.5	6.0
Florida	8.3	9.5	8.3	5.2	5.8	8.9	7.9	7.1
East South Central	7.5	8.1	8.0	5.0	3.8	8.4	7.7	6.7
Kentucky	7.7	7.8	7.8	6.2	7.3	8.4	7.7	7.2
Tennessee	7.7	8.0	8.3	5.8	6.4	8.4	7.8	7.0
Alabama	7.1	8.2	8.1	4.5	4.4	8.3	7.3	6.1
Mississippi	7.1	8.9	8.0	4.7	2.2	8.7	8.0	6.2
West South Central	8.1	8.7	4.5	5.3	7.0	9.0	8.1	7.1
Arkansas	7.5	8.1	7.8	5.2	7.0	8.9	7.8	6.9
Louisiana	6.6	8.2	6.9	3.9	1.0	7.9	6.5	4.5
Oklahoma	8.4	8.5	7.7	7.0	7.1	9.9	8.2	7.7
Texas	8.5	9.3	3.9	6.1	6.7	9.5	8.7	7.5
Mountain	8.9	9.4	7.5	7.8	2.7	10.0	8.7	8.2
Montana	8.7	9.1	7.7	7.9	6.5	9.6	8.7	8.3
Idaho	8.9	9.2	7.9	7.4	6.6	10.5	8.9	8.6
Wyoming	9.2	9.9	7.5	7.9	7.2	10.3	9.3	8.6
Colorado	8.9	9.4	7.4	8.5	7.4	9.9	8.7	8.3
New Mexico	7.9	8.2	4.6	7.3	0.9	9.4	7.5	6.7
Arizona	8.6	9.6	5.5	7.4	1.0	9.6	8.6	7.2
Utah	10.2	10.7	7.9	8.4	5.3	10.8	9.7	9.0
Nevada	9.6	10.7	7.6	7.8	4.8	10.5	9.5	8.4
Pacific	9.7	10.5	7.9	8.3	7.7	10.4	8.9	8.4
Washington	9.1	10.0	8.1	8.1	8.0	10.1	8.9	8.4
Oregon	9.1	9.6	8.1	8.3	7.8	10.2	8.9	8.5
California	9.9	10.8	7.8	8.3	7.6	10.5	8.9	8.3

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

## No. 142.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1870 to 1942

ITEM	1870	1880	1890	1900	1910
Total population	1,38,558,371	1,50,155,783	1,62,622,250	1,75,602,515	1,91,972,266
Population 5-17 years, inclusive	1,12,056,443	1,15,065,767	1,18,543,201	1,21,404,322	1,24,239,948
Percent of total population	31.3	30.0	29.6	28.3	26.4
Pupils enrolled in public schools	6,871,522	9,867,395	12,722,631	15,503,110	17,813,852
Percent of total population	17.82	19.67	20.32	20.51	19.37
Percent of population 5-17, incl.	57.00	65.50	68.61	72.43	73.49
Average daily attendance	4,077,347	6,144,143	8,153,635	10,632,772	12,827,307
Percent of pupils enrolled	59.3	62.3	64.1	68.6	72.0
Average number of days schools in session	132.2	130.3	134.7	144.3	157.5
Average number of days attended per enrolled pupil	78.4	81.1	86.3	90.0	113.0
Number of teachers	200,515	286,503	363,922	423,062	523,210
Male	77,529	122,795	125,525	126,588	110,481
Female	122,986	163,798	238,397	296,474	412,729
Percent male teachers	38.7	42.8	34.5	29.9	21.1
Salaries: Teachers, supervisors, and principals (thousands of dollars)	37,883	55,943	91,836	137,688	253,915
Average annual salary per teacher	\$189	\$195	\$252	\$325	\$455
Total expenditure for education (thousands of dollars)*	63,397	78,066	140,507	214,065	426,250
Per capita of total population	\$1.64	\$1.66	\$2.24	\$2.84	\$4.63
Per capita of population 5-17, inclusive	\$5.26	\$5.18	\$7.58	\$10.04	\$17.58
Per pupil enrolled	\$9.23	\$7.91	\$11.04	\$13.87	\$23.03
Per pupil in average attendance	\$16.65	\$12.71	\$17.23	\$20.22	\$33.23

ITEM	1920	1930	1938	1940	1942
Total population	105,710,620	122,775,046	130,215,000	131,669,275	134,664,924
Population 5-17 years, inclusive	1,27,728,783	1,31,571,322	1,30,789,000	1,29,745,246	1,29,183,500
Percent of total population	26.2	25.7	23.6	22.6	21.7
Pupils enrolled in public schools	21,578,316	25,678,015	25,975,108	25,438,542	24,562,473
Percent of total population	20.4	20.9	19.9	10.3	18.2
Percent of population 5-17, incl.	77.8	81.3	84.4	85.5	84.2
Average daily attendance	16,150,085	21,264,886	22,298,200	22,042,151	21,031,322
Percent of pupils enrolled	74.8	82.8	85.8	86.7	85.6
Average number of days schools in session	161.9	172.7	173.0	175.0	174.7
Average number of days attended per enrolled pupil	121.2	143.0	149.3	151.7	149.6
Number of teachers	679,533	854,263	877,266	875,477	858,888
Male	95,666	141,771	185,103	104,725	183,194
Female	583,867	712,492	692,163	680,752	675,694
Percent male teachers	14.1	16.6	21.1	22.2	21.3
Salaries: Teachers, supervisors, and principals (thousands of dollars)	500,120	1,250,427	1,262,392	1,314,342	1,353,151
Average annual salary per teacher	\$871	\$1,420	\$1,374	\$1,441	\$1,507
Total expenditure for education (thousands of dollars)*	1,030,151	2,816,790	2,233,110	2,344,049	2,322,608
Per capita of total population	\$9.80	\$18.87	\$17.15	\$17.77	\$17.25
Per capita of population 5-17, inclusive	\$37.37	\$73.38	\$72.53	\$78.65	\$79.59
Per pupil enrolled	\$48.02	\$89.84	\$85.58	\$91.64	\$94.56
Per pupil in average attendance	\$64.16	\$108.49	\$99.70	\$105.74	\$110.03

\* Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940.

Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.

Current expense, capital outlays, and interest.

Census estimates for July 1.

Estimated by Scripps Foundation.

Based on total number of teachers, supervisors, and principals.

Beginning with 1920 this item excludes data for night, summer, part-time, and continuation schools separately reported.

Source (except for population statistics and estimates): Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education and chapter on Statistics of State School Systems.

No. 143.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1932 TO 1942

SCHOOL AND GRADE	1932	1934	1936	1938	1940	1942
Pupils enrolled, total.....	28,275,441	28,434,193	28,387,098	25,975,108	25,433,542	24,562,473
Elementary schools, total.....	21,135,420	20,765,037	20,392,561	19,748,174	18,832,098	18,174,668
Kindergarten.....	701,403	601,775	606,753	607,094	594,647	625,783
First.....	3,930,196	3,716,852	3,550,325	3,317,144	3,018,463	2,930,782
Second.....	2,776,378	2,631,728	2,557,589	2,486,550	2,338,076	2,215,100
Third.....	2,663,524	2,612,246	2,524,736	2,444,381	2,331,559	2,175,245
Fourth.....	2,589,098	2,573,010	2,498,741	2,402,617	2,321,867	2,195,732
Fifth.....	2,482,563	2,433,441	2,432,901	2,342,428	2,247,692	2,166,018
Sixth.....	2,277,913	2,288,051	2,319,470	2,282,722	2,176,133	2,124,494
Seventh.....	2,082,825	2,187,119	2,181,987	2,173,173	2,107,667	2,060,752
Eighth.....	1,681,520	1,720,815	1,739,969	1,722,125	1,700,994	1,679,782
High schools, total.....	5,140,021	5,689,158	5,974,537	6,226,934	6,601,444	6,387,805
First year.....	1,777,608	1,855,026	1,970,072	1,979,379	2,011,341	1,927,040
Second year.....	1,387,331	1,540,254	1,619,862	1,669,281	1,767,312	1,705,746
Third year.....	1,066,755	1,209,180	1,249,400	1,379,398	1,485,603	1,450,788
Fourth year.....	871,786	1,005,375	1,064,460	1,150,506	1,281,735	1,273,141
Postgraduate.....	36,541	59,321	70,725	48,370	55,453	31,090

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

No. 144.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CURRENT EXPENSE PER PUPIL, BY PURPOSE: 1930 TO 1942

PURPOSE	CURRENT EXPENSE (EXCLUDING INTEREST)							
	1930		1938		1940		1942	
	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent	Per pupil <sup>1</sup>	Percent
Total.....	\$86.70	100.0	\$83.87	100.0	\$88.09	100.0	\$98.31	100.0
General control.....	3.70	4.3	3.88	4.6	4.15	4.7	4.82	4.9
Instruction.....	61.97	71.5	60.98	72.7	63.66	72.3	69.32	70.5
Salaries.....	58.80	67.9	56.62	67.5	59.63	67.7	64.66	66.0
Textbooks and supplies.....	3.17	3.6	4.36	5.2	4.03	4.6	4.42	4.5
Operation.....	10.16	11.7	8.25	9.8	8.82	10.0	9.97	10.2
Maintenance.....	3.71	4.3	3.42	4.1	3.33	3.8	3.75	3.8
Auxiliary services.....	4.80	5.5	5.43	6.5	5.86	6.6	6.61	6.7
Fixed charges.....	2.36	2.7	1.91	2.3	2.27	2.6	3.84	3.9
Capital outlay.....	17.44	-----	10.71	-----	11.70	-----	6.54	-----
Interest.....	4.35	-----	5.12	-----	5.94	-----	5.17	-----

<sup>1</sup> Average per pupil in average daily attendance.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

**No. 145.—PUBLIC AND PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND ATTENDANCE, BY STATES AND OUTLYING AREAS: 1942**

[Figures include data for kindergartens. They exclude data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

DIVISION, STATE, OR OUT- LYING AREA	PUBLIC				PRIVATE AND PARO- CHIAL		
	Number of schools <sup>1</sup>	Average number days in session	Pupils enrolled	Average daily attendance	Average number days attended per pupil enrolled	Number of schools	Pupils enrolled
Continental U. S. ....	208,235	174.7	24,562,473	21,031,322	149.6	18,296	2,616,529
New England.....	8,661	177.5	1,320,815	1,168,563	157.0	1,257	318,141
Maine.....	2,126	177.4	158,061	140,762	158.0	118	29,028
New Hampshire.....	1,701	177.0	72,515	63,769	155.7	105	24,525
Vermont.....	1,128	180.7	60,511	53,475	159.6	46	11,069
Massachusetts.....	2,334	176.4	656,974	576,900	154.9	606	161,007
Rhode Island.....	401	180.0	105,946	90,636	154.0	105	32,228
Connecticut.....	971	178.5	286,808	243,022	162.8	277	58,284
Middle Atlantic.....	23,193	183.2	4,339,663	3,918,492	158.2	3,074	826,951
New York.....	10,106	185.0	2,126,193	1,784,496	155.3	1,450	406,313
New Jersey.....	2,733	183.0	678,628	595,400	160.8	493	122,123
Pennsylvania.....	10,304	181.3	1,734,842	1,538,596	160.8	1,131	297,515
East North Central.....	36,811	180.8	4,437,713	4,000,792	163.0	3,401	719,850
Ohio.....	5,414	181.8	1,164,160	1,065,835	166.4	735	165,457
Indiana.....	8,502	170.1	669,148	570,624	145.1	387	57,677
Illinois.....	12,371	187.7	1,196,770	1,036,127	162.5	1,087	246,819
Michigan.....	8,824	180.0	914,205	862,956	169.9	591	143,241
Wisconsin.....	6,640	177.7	493,430	465,350	167.6	631	116,556
West North Central.....	52,156	174.5	2,565,828	2,188,876	148.5	2,104	254,954
Minnesota.....	7,833	173.2	497,026	430,971	150.2	412	66,455
Iowa.....	10,804	176.0	490,934	419,796	150.5	404	48,127
Missouri.....	9,904	176.0	694,779	582,289	141.6	516	78,342
North Dakota.....	4,368	170.0	133,203	118,429	151.1	74	10,855
South Dakota.....	4,704	174.5	129,680	111,964	150.7	67	7,671
Nebraska.....	7,155	178.2	257,194	221,515	153.5	301	18,918
Kansas.....	7,782	172.6	362,812	318,912	151.7	270	24,588
South Atlantic.....	28,480	169.8	8,854,818	8,318,780	148.1	819	130,650
Delaware.....	227	182.7	42,505	37,207	160.0	36	6,908
Maryland.....	1,234	185.2	286,974	258,685	163.8	232	53,034
District of Columbia.....	127	169.6	96,520	82,021	144.1	78	16,914
Virginia.....	4,228	180.0	556,377	481,831	155.9	118	14,448
West Virginia.....	5,103	172.4	443,337	395,065	153.7	66	9,011
North Carolina.....	4,609	164.6	871,705	779,850	147.3	80	5,284
South Carolina.....	4,033	163.7	475,210	385,709	132.8	38	4,851
Georgia.....	4,530	163.1	713,094	580,476	132.7	64	9,171
Florida.....	2,370	169.3	369,036	322,916	148.1	107	10,920
East South Central.....	22,378	168.9	2,471,008	2,032,494	129.1	590	71,264
Kentucky.....	6,739	158.5	575,107	467,617	128.8	267	39,765
Tennessee.....	5,918	165.9	635,736	525,263	137.1	105	13,075
Alabama.....	4,747	156.9	666,738	559,089	131.5	147	12,542
Mississippi.....	4,974	145.7	593,428	480,525	118.0	71	5,882
West South Central.....	21,239	170.2	2,716,528	2,291,518	139.8	909	131,425
Arkansas.....	4,791	160.5	441,106	351,498	127.9	77	7,085
Louisiana.....	2,965	167.2	461,335	387,957	140.5	282	61,374
Oklahoma.....	4,243	176.1	510,264	436,448	150.6	112	10,821
Texas.....	9,240	172.0	1,303,323	1,055,613	139.3	438	52,145
Mountain.....	8,947	172.7	897,862	755,458	145.3	365	48,971
Montana.....	2,055	178.1	102,906	90,407	154.7	51	7,579
Idaho.....	1,271	174.1	118,521	100,187	146.8	40	3,027
Wyoming.....	1,258	175.1	55,711	44,475	139.8	10	1,415
Colorado.....	2,082	169.8	214,022	190,108	150.8	118	17,007
New Mexico.....	919	175.0	181,347	161,042	134.6	84	14,099
Arizona.....	543	168.2	116,430	89,562	129.4	45	4,084
Utah.....	533	174.1	134,632	121,353	157.0	16	1,487
Nevada.....	285	174.2	23,993	18,320	133.1	1	273
Pacific.....	8,376	178.6	1,758,437	1,421,371	142.7	777	118,023
Washington.....	1,784	179.5	343,121	268,929	139.6	158	19,341
Oregon.....	1,868	173.1	189,466	162,336	148.4	103	10,938
California.....	4,724	176.4	1,225,850	992,106	142.7	516	87,744
Alaska.....	99	180.0	7,502	5,526	132.6	(2)	(2)
American Samoa.....	43	(2)	(2)	(2)	(2)	(2)	(2)
Canal Zone.....	20	188.9	7,120	6,177	172.6	(2)	(2)
Hawaii.....	186	(2)	80,098	(2)	(2)	(2)	(2)
Puerto Rico.....	1,860	190.0	292,758	257,776	167.3	(2)	(2)
Virgin Islands.....	22	186.4	3,614	3,140	162.0	(2)	(2)

<sup>1</sup> Excludes kindergartens.

<sup>2</sup> Not available.

## EDUCATION

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No. 146.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBERS AND SALARIES OF TEACHERS, BY STATES AND OUTLYING AREAS: 1930 TO 1942

DIVISION, STATE, OR OUTLYING AREA	NUMBER OF TEACHERS <sup>1</sup>			Percent of teachers, male, 1942	NUMBER OF PUPILS PER TEACHER <sup>2</sup>			SALARIES OF TEACHERS, SUPERVISORS AND PRINCIPALS			
	1930	1940	1942		1930	1940	1942	Total, 1942 (1,000 dollars)	Average salary (dollars)		
								1930	1940	1942	
Continental U. S.	854,263	875,477	858,888	21.3	25.2	25.2	24.5	1,363,151	1,420	1,441	1,507
New England	52,642	49,930	49,868	18.4	22.3	24.1	23.1	98,124	1,636	1,748	1,808
Maine	6,547	6,156	6,082	18.1	22.3	22.9	21.9	6,033	942	894	1,000
New Hampshire	3,051	2,945	2,906	21.0	22.3	22.9	21.9	3,867	1,254	1,253	1,293
Vermont	2,973	2,652	2,647	12.3	20.5	21.3	20.2	2,740	963	981	1,001
Massachusetts	26,229	24,769	24,146	19.4	25.8	25.4	23.9	52,387	1,875	2,037	2,049
Rhode Island	4,026	3,788	3,962	18.0	26.3	26.4	22.9	7,741	1,437	1,809	1,830
Connecticut	9,811	9,619	10,120	16.1	28.0	26.6	24.0	20,305	1,812	1,861	1,932
Middle Atlantic	166,475	168,500	161,111	22.9				389,555	2,103	2,187	2,214
New York	82,204	80,553	76,812	12.2	24.9	23.8	23.4	204,443	2,493	2,604	2,618
New Jersey	25,555	26,984	26,639	20.2	26.1	25.5	22.4	59,980	2,113	2,093	2,167
Pennsylvania	57,716	60,963	58,160	25.8	28.8	27.4	26.5	105,132	1,620	1,640	1,724
E. N. Central	166,636	164,394	159,092	25.4				280,860	1,568	1,570	1,674
Ohio	41,432	43,671	40,322	29.0	27.5	25.7	26.4	72,778	1,665	1,587	1,747
Indiana	21,847	21,459	21,416	29.9	27.3	27.5	26.6	34,866	1,466	1,433	1,505
Illinois	47,766	45,955	44,754	22.8	25.2	23.8	23.2	85,578	1,630	1,700	1,807
Michigan	34,552	32,716	32,490	23.2	25.0	26.3	26.6	57,316	1,534	1,575	1,671
Wisconsin	20,239	20,553	20,110	22.6	23.4	23.7	23.1	30,323	1,399	1,379	1,428
W. N. Central	122,294	115,718	112,584	17.9				126,000	1,184	1,042	1,071
Minnesota	22,169	21,080	20,410	18.0	20.6	21.5	21.1	26,968	1,251	1,276	1,288
Iowa	24,535	22,450	22,363	18.8	18.9	19.5	18.8	25,427	1,094	1,017	1,061
Missouri	24,200	26,423	27,674	21.0	23.8	22.7	22.8	30,845	1,235	1,155	1,223
North Dakota	8,856	7,262	7,578	21.5	17.7	17.2	15.6	5,681	900	745	750
South Dakota	8,943	7,837	7,559	19.1	15.5	15.3	14.6	6,498	956	807	844
Nebraska	14,400	13,760	13,397	14.2	17.6	17.6	16.5	11,687	1,077	829	854
Kansas	10,141	16,904	16,503	19.5	19.1	19.6	19.3	3,18,895	1,150	1,014	1,021
S. Atlantic	112,005	120,914	121,583	16.8				138,609	948	1,014	1,090
Delaware	1,420	1,626	1,612	22.1	25.5	24.1	23.1	2,923	1,570	1,684	1,741
Maryland	8,745	8,638	8,682	18.7	27.8	29.8	29.2	15,562	1,518	1,642	1,713
Dist. of Columbia	2,722	3,057	3,145	15.3	25.1	27.1	26.1	7,712	2,289	2,350	2,329
Virginia	16,477	17,734	17,314	13.2	27.5	27.9	27.8	18,928	861	899	1,047
West Virginia	15,837	14,252	14,589	29.2	22.1	28.9	25.3	20,410	1,023	1,170	1,265
North Carolina	23,375	24,530	24,956	14.9	28.8	32.2	31.2	26,808	873	946	1,019
South Carolina	13,398	15,042	15,295	15.2	26.0	25.6	26.2	12,679	788	743	820
Georgia	19,071	22,846	21,998	14.6	28.2	25.6	26.4	17,979	684	770	806
Florida	10,960	13,189	13,262	14.4	25.3	24.8	24.3	15,598	876	1,012	1,130
E. S. Central	65,922	73,127	73,711	20.4				60,016	804	758	778
Kentucky	15,323	18,802	17,840	23.8	28.2	26.2	26.2	16,866	896	828	936
Tennessee	18,381	20,147	20,272	22.3	27.2	26.6	25.9	18,535	902	862	880
Alabama	17,130	19,405	19,431	16.4	28.5	29.2	28.8	15,738	792	744	787
Mississippi	15,138	14,773	16,168	19.2	28.8	32.1	29.7	8,879	620	550	517
W. S. Central	80,637	98,091	90,958	21.8				98,565	923	987	1,041
Arkansas	12,990	12,852	12,661	23.5	26.3	29.1	27.8	8,691	673	684	678
Louisiana	12,173	14,830	14,945	18.3	27.8	26.8	26.0	16,384	941	1,006	1,086
Oklahoma	19,807	20,204	17,608	25.9	23.7	24.0	24.8	21,566	1,072	1,014	1,120
Texas	35,667	45,205	45,744	21.1	30.1	24.7	23.1	51,924	924	1,079	1,091
Mountain	35,336	33,662	33,887	27.5				46,932	1,380	1,290	1,335
Montana	6,422	5,195	5,160	23.9	17.5	18.9	17.5	6,317	1,215	1,184	1,224
Idaho	4,500	4,513	4,519	36.4	21.9	23.5	22.2	5,176	1,200	1,057	1,115
Wyoming	2,751	2,551	2,651	20.3	16.0	18.5	16.8	3,124	1,238	1,169	1,145
Colorado	9,744	8,918	9,039	25.2	16.6	22.3	21.0	13,202	1,453	1,393	1,417
New Mexico	3,400	3,798	3,743	21.6	22.4	23.0	27.0	5,042	1,113	1,144	1,190
Arizona	3,273	3,384	3,445	25.4	24.0	26.1	26.0	5,895	1,637	1,544	1,653
Utah	4,452	4,417	4,429	38.8	27.1	28.0	27.4	6,725	1,330	1,394	1,454
Nevada	794	886	871	23.9	18.9	20.1	21.0	1,450	1,433	1,557	1,644
Pacific	54,118	58,183	55,859	21.2				138,489	1,945	2,101	(4)
Washington	11,140	10,583	10,316	27.3	25.0	25.9	25.9	21,122	1,556	1,706	1,920
Oregon	6,208	7,206	7,239	18.9	25.0	22.8	22.4	11,196	1,612	1,333	1,430
California	36,768	38,304	38,304	20.0	24.7	27.6	25.9	107,172	2,123	2,351	(4)
Alaska	253	302	298	28.5	(4)	(4)	18.5	630	1,602	(4)	1,938
American Samoa	26	65	80	(4)	(4)	(4)	(4)	(4)	444	(4)	(4)
Canal Zone	175	200	251	22.5	(4)	(4)	24.6	466	1,541	1,634	1,745
Guam	125	139	(4)	(4)	(4)	(4)	(4)	(4)	315	309	(4)
Hawaii	2,241	3,091	2,894	20.0	(4)	(4)	(4)	6,113	1,812	1,830	2,045
Philippine Islands	26,167	41,627	(4)	(4)	(4)	(4)	(4)	6,072	848	834	899
Puerto Rico	4,451	6,066	6,389	21.5	(4)	(4)	40.3	(4)	572	680	900
Virgin Islands	112	117	113	15.9	(4)	(4)	27.8	108			

<sup>1</sup> Excludes supervisors and principals except when not reported separately. These numbers are, therefore, somewhat smaller than those on which average annual salaries are based.

<sup>2</sup> Number in average daily attendance. <sup>3</sup> For 1940. <sup>4</sup> Not available. <sup>5</sup> For 1938.

<sup>a</sup> Data do not include Federal schools for natives.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of State School Systems.

**NO. 147.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—VALUE OF PROPERTY AND EXPENDITURES, BY STATES AND OUTLYING AREAS: 1942**

[Amounts in thousands of dollars except averages per pupil]

DIVISION, STATE, OR OUTLYING AREA	VALUE OF SCHOOL PROPERTY		EXPENDITURES					
	Total	Per pupil <sup>1</sup>	Total	Current expense for full-time day schools		Outlays for new buildings, etc.	Interest	Other <sup>2</sup>
				Total	Per Pupil <sup>1</sup>			
Continental U. S.	7,801,417	371	2,822,698	2,087,660	98.31	187,552	108,781	8,704
New England	567,476	486	146,708	138,170	118.24	4,303	3,219	1,014
Maine	37,675	267	10,400	9,813	69.72	420	141	26
New Hampshire	25,155	394	6,973	6,422	100.70	420	122	-----
Vermont	15,377	288	5,351	5,018	93.84	277	56	-----
Massachusetts	320,384	555	78,075	75,421	130.73	1,286	3,688	680
Rhode Island	51,010	563	12,698	11,147	122.99	490	1,000	61
Connecticut	117,975	455	33,210	30,349	124.88	1,402	1,212	247
Middle Atlantic	2,229,107	569	636,149	568,515	142.53	27,046	47,781	2,507
New York	1,105,958	670	342,220	290,913	168.07	16,629	23,466	2,221
New Jersey	365,021	613	104,366	94,121	158.05	2,565	7,093	587
Pennsylvania	668,128	434	189,555	164,480	106.90	7,553	17,222	-----
East North Central	1,829,328	467	491,151	440,608	110.10	29,882	18,879	3,884
Ohio	448,015	420	126,301	113,114	106.13	5,546	6,560	1,163
Indiana	212,440	372	59,395	54,754	95.97	3,102	1,396	143
Illinois	550,173	560	151,554	133,647	128.90	11,567	5,531	809
Michigan	383,991	445	97,441	87,947	101.91	6,497	2,097	-----
Wisconsin	204,710	440	50,360	51,044	109.69	3,170	337	-----
West North Central	819,834	375	219,618	202,089	92.54	10,310	7,420	-----
Minnesota	202,969	471	49,582	46,657	108.26	2,329	506	-----
Iowa	140,956	336	43,972	40,047	95.40	2,508	1,416	-----
Missouri	187,181	333	53,776	48,799	86.70	2,707	2,180	-----
North Dakota	43,389	366	10,320	9,433	79.65	500	337	-----
South Dakota	41,941	375	11,879	10,785	96.33	602	492	-----
Nebraska	84,869	383	20,304	18,855	85.12	833	616	-----
Kansas	118,628	372	29,986	27,512	86.27	741	4,733	-----
South Atlantic	866,493	210	222,788	194,502	58.61	18,224	9,318	744
Delaware	22,030	692	4,372	4,234	113.80	48	50	30
Maryland	88,171	348	26,249	22,811	89.92	1,754	1,505	179
Dist. of Columbia	54,202	601	13,305	11,276	137.48	1,805	-----	164
Virginia	93,481	194	30,329	26,900	55.83	2,488	687	254
West Virginia	85,626	224	31,319	28,694	72.63	2,102	523	-----
North Carolina	124,327	159	41,748	35,177	45.11	4,096	2,475	-----
South Carolina	56,029	147	19,802	17,555	45.51	1,076	1,230	-----
Georgia	81,996	141	28,240	25,869	44.57	1,783	525	63
Florida	87,030	270	27,363	21,985	68.08	3,011	2,314	53
East South Central	287,677	182	97,300	87,883	43.24	5,844	3,363	201
Kentucky	74,603	160	26,856	24,026	51.38	1,929	6,900	-----
Tennessee	70,500	134	29,906	26,492	50.44	2,114	1,300	-----
Alabama	57,874	103	24,617	22,226	39.75	1,728	463	201
Mississippi	65,000	135	15,921	15,148	31.52	73	6,700	-----
West South Central	528,366	237	177,696	158,527	68.80	15,185	8,952	53
Arkansas	45,693	130	15,596	13,566	38.59	1,148	878	4
Louisiana	80,941	200	28,855	25,578	65.93	1,953	1,405	49
Oklahoma	97,731	224	33,219	31,788	72.83	544	3,887	-----
Texas	304,000	288	99,896	82,595	78.24	11,520	5,751	-----
Mountain	252,985	335	88,772	75,407	69.82	5,581	2,788	-----
Montana	39,094	432	12,215	11,254	125.59	769	92	-----
Idaho	30,267	302	9,782	8,688	66.72	777	317	-----
Wyoming	16,739	376	5,970	5,350	120.29	339	281	-----
Colorado	63,891	362	21,510	19,463	120.38	1,039	1,009	-----
New Mexico	21,572	213	9,713	8,430	83.43	984	299	-----
Arizona	23,656	264	10,360	9,373	104.66	623	364	-----
Utah	44,542	367	11,477	10,286	84.76	846	345	-----
Nevada	8,204	448	2,743	2,463	134.37	204	76	(?)
Pacific	610,172	428	247,818	217,052	152.71	21,197	9,067	-----
Washington	103,945	408	37,716	34,087	127.70	2,881	748	-----
Oregon	62,160	383	19,357	17,366	106.97	1,363	629	-----
California	439,067	443	190,243	165,600	166.92	16,953	7,690	-----
Alaska	2,248	407	886	871	157.54	16	(8)	-----
Canal Zone	2,557	411	1,840	732	118.51	1,108	(8)	-----
Hawaii	(8)	(8)	7,624	7,378	(8)	245	(8)	-----
Puerto Rico	15,613	61	8,380	8,168	31.69	184	(8)	38
Virgin Islands	(8)	(8)	149	144	45.75	2	(8)	4

<sup>1</sup> Average per pupil in average daily attendance.

<sup>2</sup> Expenditures for evening and adult, summer, part-time and continuation schools when separately reported.

<sup>3</sup> Incomplete. <sup>4</sup> 1940 data. <sup>5</sup> 1938 data. <sup>6</sup> Estimated. <sup>7</sup> Less than \$500. <sup>8</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

No. 148.—PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1938, 1940, AND 1942

STATE	ENROLLMENT IN—						AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED	
	White schools			Negro schools				
	1938	1940	1942	1938	1940	1942	White	Negro
Total	7,688,000	7,608,378	7,350,663	2,411,967	2,428,842	2,386,471	143.5	128.0
Delaware	37,896	37,130	35,542	7,096	6,916	6,963	161.2	153.8
Maryland	235,155	227,299	227,131	58,531	58,926	59,843	160.6	158.9
District of Columbia	64,056	58,872	58,829	36,616	37,298	37,691	143.6	143.9
Virginia	429,226	417,860	408,658	154,330	150,271	147,719	157.5	151.3
West Virginia	415,137	424,591	415,070	28,652	28,230	28,267	153.6	154.2
North Carolina	613,587	616,007	604,428	268,287	270,477	267,337	150.3	140.4
South Carolina	264,800	265,845	262,580	223,949	215,905	212,630	146.5	116.0
Georgia	465,071	472,395	452,448	265,823	265,584	260,646	139.0	121.8
Florida	281,497	266,438	266,073	102,438	102,776	102,063	150.5	141.9
Tennessee	530,161	538,759	528,954	107,759	109,372	106,782	137.0	137.3
Alabama	443,820	447,109	432,096	226,652	239,658	234,642	134.4	126.2
Mississippi	301,486	302,402	303,039	288,722	292,397	290,889	(1)	(1)
Missouri	659,047	652,238	643,628	46,565	48,402	51,151	141.9	138.4
Arkansas	352,114	351,320	332,801	113,158	114,019	108,305	131.6	116.5
Louisiana	294,192	298,455	288,324	166,754	174,565	173,511	148.3	127.4
Oklahoma	590,026	584,239	469,640	48,636	47,579	40,615	150.8	148.4
Texas	1,133,031	1,107,226	1,087,264	222,370	221,596	216,059	142.1	125.2
Kentucky	572,689	560,193	534,149	45,629	43,871	40,958	128.1	138.7

<sup>1</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

No. 149.—HIGH-SCHOOL AND COLLEGE GRADUATES—NUMBER, BY SEX: 1870 TO 1942

[Data in this table cover graduates of both public and private institutions]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE		
	Total	Men	Women	Total	Men	Women
1870	16,000	7,064	8,936	9,371	7,591	1,780
1880	23,634	10,605	13,029	10,353	7,868	2,485
1890	43,731	18,549	25,182	14,306	10,157	4,149
1900	94,883	38,075	56,808	25,324	17,220	8,104
1910	156,429	63,676	92,753	34,178	22,557	11,621
1920	311,266	123,684	187,582	48,622	31,980	16,642
1930	666,904	300,376	366,528	122,484	73,615	48,869
1940	1,221,475	578,718	642,757	186,500	109,546	76,954
1942	1,242,375	576,717	665,658	185,346	103,839	81,457

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 150.—SCHOOL AND COLLEGE ENROLLMENTS AND EXPENDITURES:  
1910 TO 1942

SCHOOLS	1910	1920	1930	1940	1942
<b>ENROLLMENT</b>					
<b>Elementary and kindergarten, total</b> <sup>1</sup> .....	<b>18,457,228</b>	<b>20,884,488</b>	<b>28,588,479</b>	<b>21,044,924</b>	<b>20,356,500</b>
Kindergartens:					
Public.....	293,970	481,266	723,443	594,647	625,783
Private.....	52,219	20,683	54,466	57,341	357,341
<b>Elementary:</b>					
Public.....	16,604,821	18,897,661	20,555,150	18,286,906	17,588,723
Private.....	1,506,218	1,455,878	2,255,430	2,106,030	2,084,053
<b>Secondary students, total</b> <sup>1</sup> .....	<b>1,111,393</b>	<b>2,495,876</b>	<b>4,799,887</b>	<b>7,113,282</b>	<b>8,923,588</b>
Public high schools <sup>2</sup> .....	915,061	2,200,389	4,399,422	6,601,444	8,387,805
Private high schools <sup>2</sup> .....	117,400	218,020	841,158	457,768	483,195
Public and private institutions of higher education <sup>3</sup> .....	78,932	81,367	59,287	54,070	52,598
<b>Students in institutions of higher education, total</b> .....	<b>355,215</b>	<b>597,880</b>	<b>1,100,737</b>	<b>1,494,203</b>	<b>1,403,980</b>
Normal schools and teachers' college.....	88,561	135,435	176,402	177,045	144,945
Colleges, universities, and professional schools.....	266,654	462,445	924,275	1,317,158	1,259,045
Percent of total population in institutions of higher education.....	.39	.57	.60	1.13	1.04
<b>EXPENDITURES (thousands of dollars) <sup>4</sup></b>					
Public elementary and secondary schools.....	426,250	1,036,151	2,316,700	2,344,049	2,322,608
Private elementary and secondary schools.....	53,542	(*)	233,277	227,000	236,000
Public institutions of higher education <sup>5</sup> .....	91,896	{ 115,597	288,909	10 332,592	10 329,472
Private institutions of higher education <sup>5</sup> .....		{ 100,769	343,340	10 273,163	10 263,195

<sup>1</sup> Excluding pupils in residential schools for exceptional children. <sup>2</sup> Figure for 1912. <sup>3</sup> Figure for 1940.

<sup>4</sup> From high school reports through 1920; thereafter from Statistics of State School Systems.

<sup>5</sup> Figure for 1928. <sup>6</sup> Includes secondary students in teacher-training institutions.

<sup>7</sup> Including outlays. Expenditures for education in all schools reporting finances, including schools for the delinquent, deaf, blind, feeble-minded, and Indians, not shown in this table, amounted to \$3,233,601,000 in 1930, \$3,199,668,000 in 1940 and \$3,203,548,000 in 1942. Figures for 1940 and 1942 exclude auxiliary operations (see note 10).

<sup>8</sup> No data. <sup>9</sup> Expenditures for all departments, including preparatory.

<sup>10</sup> Excludes expenditures for auxiliary enterprises and activities, included in prior years, amounting to \$59,034,000 for public institutions and \$93,865,000 for private institutions for 1940 and \$68,406,000 and \$97,297,000, respectively, for 1942.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 151.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND RECIPIENTS OF DEGREES, BY SEX: 1934 TO 1942

[Data in this table cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment for earlier years, see table 150.]

ITEM	1934	1936	1938	1940	1942
<b>Faculty (reduced to full-time basis), total</b> .....	<b>99,935</b>	<b>110,225</b>	<b>128,877</b>	<b>131,552</b>	<b>134,137</b>
Men.....	71,592	78,316	87,990	94,536	96,251
Women.....	28,343	31,909	35,687	37,016	37,886
<b>Resident college enrollment, total</b> .....	<b>1,055,360</b>	<b>1,208,297</b>	<b>1,850,905</b>	<b>1,494,203</b>	<b>1,403,980</b>
Men.....	616,720	709,672	803,893	893,250	818,559
Women.....	439,640	498,555	547,012	600,953	585,431
<b>Degrees conferred:</b>					
Baccalaureate and first professional, total.....	<b>138,156</b>	<b>148,125</b>	<b>164,943</b>	<b>186,500</b>	<b>185,946</b>
Men.....	82,341	86,067	97,678	109,546	103,889
Women.....	53,815	57,058	67,265	76,954	81,457
Masters, including advanced engineering (men and women).....	18,293	18,302	21,628	26,731	24,648
Doctors (men and women).....	2,830	2,770	2,932	3,290	3,497
Honorary (men and women).....	1,280	1,347	1,500	1,452	1,619

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 152.—JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1918 TO 1942

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1918	46	4,504	14	1,367	32	3,137
1920	52	8,102	10	2,940	42	5,162
1922	80	12,124	17	4,771	63	7,353
1924	132	20,559	39	9,240	93	11,319
1926	153	27,095	47	13,859	106	13,236
1928	248	44,855	114	28,437	134	16,418
1930	277	55,616	129	36,501	148	19,115
1932	342	85,063	159	58,887	183	26,176
1934	322	78,480	152	55,860	170	22,611
1936	415	102,453	187	70,557	228	31,896
1938	453	121,510	209	82,041	244	39,469
1940	456	149,854	217	107,553	239	42,801
1942	461	141,272	231	100,783	230	40,480

No. 153.—INSTITUTIONS OF HIGHER EDUCATION—INCOME AND EXPENDITURES: 1934 TO 1942

[All money figures in thousands of dollars. See headnote, table 151. For total expenditures for earlier years, see table 150.]

ITEM	1934	1936	1938	1940	1942
<b>INCOME</b>					
Number of institutions reporting	1,357	1,541	1,586	1,600	1,628
Income for educational and general and for plant extension purposes, total	430,528	491,106	580,372	637,497	656,302
Student fees	138,257	158,134	178,996	200,897	201,365
Endowment earnings	55,533	60,090	70,654	71,304	74,075
Federal Government	19,827	43,234	29,345	38,860	58,232
State governments	117,551	{ 119,585	140,959	151,222	166,532
County, city, and district governments	21,050	22,091	24,392	27,057	
Private gifts and grants	27,468	37,115	36,908	40,453	45,916
Sales and service of organized activities	17,759	24,943	27,947	32,777	40,308
Other (including that for increase of physical plant)	54,133	26,955	73,472	77,692	42,907
Auxiliary enterprises and activities	97,637	106,479	130,523	143,923	157,424
Income for increase of permanent funds	27,478	47,039	49,583	44,518	38,510
<b>EXPENDITURES</b>					
Number of institutions reporting	1,327	1,540	1,586	1,600	1,628
Expenditures for educational and general purposes, total	369,661	419,883	475,192	521,990	572,465
Administration and general expense	43,155	48,069	56,406	62,827	66,968
Resident instruction	203,332	225,144	253,066	280,248	298,558
Organized research	17,064	22,091	25,213	27,266	34,287
Libraries	13,387	15,531	17,588	19,487	19,763
Physical plant operation and maintenance	51,046	56,802	62,738	69,612	72,594
Organized activities related to instruction	14,155	20,241	24,031	27,225	37,771
Extension	20,020	29,427	34,189	35,325	42,525
Other	7,502	2,580	2,020		
Auxiliary enterprises and activities	99,668	121,508	139,194	152,699	165,703
Capital outlay, total	29,503	47,369	70,466	83,765	50,202
Building and grounds	22,365	39,606	58,523	(1)	(1)
Equipment	7,138	7,764	11,943	(1)	(1)

<sup>1</sup> Not available.

Source of tables 152 and 153: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

## No. 154.—INSTITUTIONS OF HIGHER EDUCATION—FACULTY, ENROLL-

DIVISION, STATE, OR OUTLYING AREA	Number of institutions, 1942 <sup>1</sup>	FACULTY, 1942 (REDUCED TO FULL-TIME BASIS) <sup>2</sup>		RESIDENT STUDENTS OF COLLEGE GRADE							
		Total enrollment in regular session excluding duplicates				1942		Undergraduate enrollment, 1942			
		Men	Women	1938	1940	Total	Men	Women	Men		
1	Continental U. S.	1,720	96,251	37,888	1,350,905	1,494,208	1,403,990	818,559	685,431	766,235	553,270
2	New England.....	134	8,867	2,858	87,611	92,021	90,491	58,358	32,132	53,985	30,497
3	Maine.....	15	460	218	5,306	6,092	5,625	3,298	2,327	3,244	2,324
4	New Hampshire.....	9	518	186	5,502	5,897	5,906	4,087	1,879	4,008	1,870
5	Vermont.....	11	428	169	3,514	3,975	3,898	2,027	1,871	2,009	1,868
6	Massachusetts.....	64	5,403	1,521	56,916	57,772	54,645	34,907	19,738	31,629	18,588
7	Rhode Island.....	8	488	182	5,081	5,425	5,818	3,877	1,941	3,605	1,835
8	Connecticut.....	27	1,566	650	11,292	12,860	14,439	10,173	4,366	9,470	4,022
9	Middle Atlantic.....	237	20,889	6,923	290,797	299,512	283,155	172,415	110,740	155,635	99,185
10	New York.....	108	11,491	3,641	182,473	195,508	182,166	108,842	74,324	97,295	65,539
11	New Jersey.....	32	1,806	615	19,708	20,515	21,692	14,727	6,965	13,493	6,845
12	Pennsylvania.....	95	7,302	2,067	77,518	83,401	78,297	48,846	29,451	44,847	26,781
13	East North Central.....	318	17,892	6,687	287,271	322,602	304,462	184,082	120,400	172,198	112,388
14	Ohio.....	64	4,488	1,581	75,770	84,367	81,674	48,271	33,403	46,101	32,004
15	Indiana.....	39	2,567	778	30,558	37,065	34,156	22,186	11,970	21,005	11,431
16	Illinois.....	87	5,802	2,292	98,466	107,074	97,861	58,876	38,985	53,997	35,206
17	Michigan.....	59	2,964	1,012	54,324	60,961	61,831	38,568	23,263	36,155	21,460
18	Wisconsin.....	60	2,071	1,004	28,155	33,135	28,940	16,181	12,770	14,940	12,265
19	West North Central.....	258	10,229	4,839	145,648	163,581	146,683	81,986	64,877	77,659	62,963
20	Minnesota.....	46	2,118	1,083	30,069	34,647	31,622	17,392	14,130	15,857	13,613
21	Iowa.....	60	2,124	899	27,329	29,763	27,480	15,830	11,650	14,767	11,147
22	Missouri.....	55	2,625	1,205	34,769	40,393	37,046	20,781	16,265	19,855	15,871
23	North Dakota.....	12	520	241	7,410	8,332	7,032	3,823	3,209	3,695	3,182
24	South Dakota.....	16	485	259	5,632	6,583	6,206	3,270	2,936	3,246	2,923
25	Nebraska.....	22	893	404	15,984	16,579	14,188	8,043	6,125	7,768	6,037
26	Kansas.....	44	1,464	783	24,560	27,244	23,200	12,338	10,328	12,441	10,190
27	South Atlantic.....	264	12,106	5,738	148,883	166,328	164,072	89,610	74,469	84,638	71,988
28	Delaware.....	4	177	59	981	1,118	1,116	710	406	686	404
29	Maryland.....	26	1,627	598	16,365	18,557	17,441	10,590	6,851	9,919	6,508
30	Dist. of Columbia.....	22	1,438	497	21,352	22,319	22,714	14,132	8,582	11,713	7,418
31	Virginia.....	41	1,996	1,044	23,155	26,156	25,881	13,592	12,289	13,086	12,148
32	West Virginia.....	20	824	401	13,118	14,444	12,935	6,387	6,548	6,199	6,376
33	North Carolina.....	54	2,472	1,179	28,730	32,118	32,079	16,247	15,832	15,428	15,489
34	South Carolina.....	33	1,088	619	13,967	15,914	16,606	8,784	7,912	8,730	7,819
35	Georgia.....	50	1,624	867	20,815	23,220	23,826	13,168	10,598	12,989	10,493
36	Florida.....	14	860	474	11,200	11,473	11,384	6,000	5,884	5,886	5,328
37	East South Central.....	144	5,080	3,080	78,308	81,673	73,632	58,808	35,324	37,185	34,333
38	Kentucky.....	38	1,268	752	19,097	22,414	19,561	10,056	9,505	9,645	9,197
39	Tennessee.....	48	1,574	849	23,578	25,253	23,430	11,712	11,718	11,238	11,215
40	Alabama.....	26	1,362	832	17,817	19,987	18,628	10,384	8,244	10,255	8,109
41	Mississippi.....	32	858	647	11,917	14,019	12,013	6,156	5,857	6,027	5,812
42	West South Central.....	164	7,471	3,458	126,386	144,384	132,427	72,694	59,733	70,183	57,890
43	Arkansas.....	21	842	410	9,663	10,928	9,179	5,172	4,007	5,143	3,985
44	Louisiana.....	18	1,505	599	21,813	25,996	23,467	13,374	10,093	12,838	9,858
45	Oklahoma.....	39	1,249	695	23,273	32,908	27,466	13,923	13,543	13,464	13,133
46	Texas.....	86	3,735	1,754	65,720	74,552	72,315	40,225	32,090	38,738	30,914
47	Mountain.....	61	3,498	1,857	50,982	55,189	52,060	29,828	22,237	28,684	21,380
48	Montana.....	11	363	144	5,792	6,685	6,191	3,137	3,054	3,069	3,019
49	Idaho.....	8	436	169	5,748	6,615	5,656	3,345	2,811	3,266	2,273
50	Wyoming.....	1	170	53	2,047	2,264	2,001	1,265	736	1,223	698
51	Colorado.....	17	1,068	450	15,427	17,376	16,563	9,438	7,127	8,957	6,673
52	New Mexico.....	7	387	127	4,101	4,904	4,219	2,561	1,658	2,490	1,578
53	Arizona.....	5	326	127	5,404	5,980	5,316	2,948	2,368	2,815	2,245
54	Utah.....	11	610	238	11,242	13,043	11,042	6,460	4,582	6,197	4,474
55	Nevada.....	1	127	19	1,221	1,267	1,072	671	401	647	370
56	Pacific.....	143	9,854	3,588	137,191	162,657	151,928	86,203	65,728	81,081	62,743
57	Washington.....	23	1,270	493	24,296	26,226	22,624	13,316	9,308	12,584	8,795
58	Oregon.....	20	950	374	14,246	16,141	15,230	8,690	6,540	8,408	6,380
59	California.....	100	7,425	2,701	98,649	120,290	114,075	64,197	49,878	60,039	47,588
60	U. S. Service Academies.....	9	787	—	4,049	4,826	5,099	5,099	—	5,099	—
61	Alaska.....	1	39	12	217	268	248	176	72	176	72
62	Canal Zone.....	1	10	4	143	151	175	83	92	83	92
63	Hawaii.....	1	175	77	2,478	2,703	2,368	1,234	1,134	1,180	1,053
64	Philippine Islands <sup>3</sup> .....	—	—	—	7,991	10,242	—	—	—	—	—
65	Puerto Rico.....	2	347	144	4,199	4,851	4,729	2,084	2,645	2,079	2,638

<sup>1</sup> Represents number reporting.<sup>2</sup> Includes administrative officers, extension service, and organized research, in addition to regular staff.

## MENT, AND DEGREES CONFERRED, BY STATES AND OUTLYING AREAS: 1942

RESIDENT STUDENTS OF COLLEGE GRADE—Continued				DEGREES, 1942								
Graduate enrollment, 1942		Students enrolled for first time, 1942		Baccalaureate and first professional		Master's		Doctor's		Honorary		
Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
53,250	32,193	212,756	166,814	103,889	81,457	14,179	10,469	3,036	461	1,619	1	
4,404	1,826	16,229	8,461	9,382	5,295	1,817	704	382	44	216	2	
44	13	949	699	599	332	45	15	-----	-----	32	3	
92	43	1,230	696	753	314	40	15	-----	-----	5	4	
18	13	656	697	339	252	22	17	-----	-----	20	5	
3,275	1,307	7,232	4,495	5,594	3,341	927	554	246	18	104	6	
272	106	1,120	452	670	411	31	40	20	4	28	7	
703	344	5,042	1,422	1,427	645	252	63	116	22	27	8	
17,074	11,144	86,665	22,120	22,774	16,283	3,848	8,566	718	165	410	9	
11,823	8,765	22,198	14,087	12,740	9,810	1,989	2,798	481	112	159	10	
1,242	120	4,248	1,889	1,990	1,257	195	53	60	1	57	11	
4,009	2,259	10,419	6,144	8,044	5,226	1,164	715	177	42	203	12	
12,249	8,058	43,176	30,884	22,047	15,868	3,810	2,552	651	91	370	13	
2,180	1,414	11,156	7,523	5,218	4,374	649	454	138	17	119	14	
1,182	612	6,474	3,897	3,539	2,157	498	235	88	3	42	15	
5,129	3,633	13,449	10,255	6,688	4,412	1,291	1,114	372	46	123	16	
2,492	1,872	8,284	5,623	4,162	2,909	833	533	95	10	67	17	
1,266	528	3,813	3,566	2,440	2,016	339	196	158	15	19	18	
4,487	1,889	23,793	22,231	10,938	8,255	1,504	601	358	32	148	19	
1,535	517	4,719	4,506	2,366	1,971	339	116	107	8	14	20	
1,124	518	4,065	3,343	2,285	1,582	468	204	155	12	50	21	
881	449	5,642	5,437	2,684	2,085	298	132	54	7	32	22	
128	27	1,414	1,321	487	311	35	3	-----	-----	1	23	
24	13	1,184	1,375	440	284	35	7	-----	-----	6	24	
320	121	2,337	2,514	1,120	782	123	54	32	2	15	25	
455	194	4,372	3,735	1,557	1,340	206	85	10	3	30	26	
4,836	2,384	24,016	23,888	11,772	11,498	1,193	639	281	77	213	27	
27	2	209	118	119	82	8	4	-----	-----	7	28	
671	243	2,394	1,714	1,312	981	115	32	88	11	18	29	
2,375	1,165	2,009	1,859	1,518	701	370	200	88	53	26	30	
506	1,371	3,793	4,716	1,916	1,917	123	62	20	2	39	31	
188	172	1,553	1,620	865	1,005	134	69	3	-----	18	32	
819	346	5,105	5,627	2,172	3,022	233	131	72	11	38	33	
54	94	2,970	2,733	1,311	1,245	37	26	-----	-----	24	34	
182	165	3,536	3,337	1,821	1,626	120	103	1	-----	18	35	
114	56	2,147	1,862	738	916	53	16	5	-----	25	36	
1,144	1,045	11,772	11,071	5,156	5,191	479	575	54	13	88	37	
449	1,355	2,947	3,098	1,401	1,295	105	64	26	1	32	38	
437	510	3,882	3,505	1,553	1,600	230	403	28	12	35	39	
129	135	3,261	2,307	1,456	1,539	115	96	-----	-----	17	40	
129	45	2,182	2,161	746	757	29	12	-----	-----	2	41	
2,544	1,924	22,486	19,228	8,741	8,844	1,001	971	87	12	58	42	
35	26	1,971	1,432	647	622	48	16	-----	-----	20	43	
536	235	3,372	2,670	1,753	1,843	169	106	17	2	9	44	
466	417	4,548	4,071	1,816	2,183	245	281	2	1	3	45	
1,507	1,246	12,595	11,055	4,525	4,996	539	568	68	9	26	46	
1,160	911	8,722	7,456	3,480	2,368	708	388	22	6	36	47	
68	35	969	1,212	394	282	40	12	-----	-----	3	48	
79	38	869	823	370	175	56	19	-----	-----	12	49	
42	33	415	256	174	113	32	13	-----	-----	4	50	
479	455	2,464	1,985	1,192	905	395	270	21	6	13	51	
71	81	837	512	241	243	37	27	-----	-----	1	52	
134	125	812	728	312	360	72	31	1	-----	1	53	
263	108	2,207	1,841	690	526	71	15	-----	-----	2	54	
24	31	149	99	107	62	3	1	-----	-----	55	55	
5,272	3,061	25,767	21,287	8,607	6,747	1,021	498	283	81	73	56	
732	513	3,836	2,732	1,682	1,376	136	51	21	-----	11	57	
306	180	2,201	1,957	1,046	692	119	49	7	-----	10	58	
4,234	2,368	19,720	16,608	5,779	4,679	766	393	255	31	52	59	
				1,091						60		
		31	17	22	9					61		
		55	49	-----	-----					62		
59	103	327	328	85	143	13	66	-----	-----	1	63	
5	7	564	592	285	323	1	1	-----	-----	64		
										1	65	

<sup>a</sup> 1940 data is latest available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

**NO. 155.—INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, 1940, AND EXPENDITURES, 1940 AND 1942, BY STATES AND OUTLYING AREAS**

[All figures in thousands of dollars]

DIVISION, STATE, OR OUTLYING AREA	Value of plants <sup>1</sup> and plant funds, 1940	Endow- ment funds, <sup>2</sup> 1940	Other perma- nent funds, <sup>3</sup> 1940	EXPENDITURES, 1940			EXPENDITURES, 1942		
				Cur- rent	Capital outlay	Auxil- iary ac- tivities	Cur- rent	Capital outlay	Auxil- iary ac- tivities
Continental U. S.	2,753,780	1,686,283	78,321	521,990	83,765	152,689	572,465	50,202	185,703
New England	276,183	427,817	18,032	52,748	4,378	18,391	55,624	4,578	20,418
Maine	13,887	14,716	321	2,957	26	955	2,995	535	993
New Hampshire	17,966	19,501	450	3,622	266	1,305	3,774	128	1,035
Vermont	11,532	9,047	1,008	2,447	179	1,003	2,529	87	1,130
Massachusetts	106,396	255,658	11,195	80,055	2,067	11,325	32,243	3,163	11,704
Rhode Island	18,291	16,047	259	2,810	613	816	3,143	137	969
Connecticut	108,111	112,768	4,709	10,857	1,227	8,977	10,940	528	4,647
Middle Atlantic	571,448	416,371	12,595	112,018	6,822	27,405	120,616	5,191	28,488
New York	316,337	250,817	8,848	67,824	2,515	18,825	69,919	2,986	14,419
New Jersey	42,998	51,284	1,035	10,284	787	3,193	11,556	97	3,260
Pennsylvania	212,108	114,270	2,712	33,910	3,320	10,387	39,141	2,108	10,814
East North Central	551,921	267,770	20,549	107,022	18,495	28,251	117,551	7,303	34,843
Ohio	133,418	78,095	7,119	24,811	4,473	8,761	26,297	1,464	10,246
Indiana	76,920	20,419	3,062	14,485	7,419	5,093	16,751	2,130	6,440
Illinois	172,722	130,493	8,576	34,499	3,260	7,831	37,692	1,638	9,424
Michigan	118,851	24,752	1,122	20,719	1,808	3,997	22,920	1,751	5,271
Wisconsin	50,010	13,011	670	12,508	1,545	3,069	13,890	919	3,462
West North Central	280,832	96,920	6,941	56,888	10,051	13,928	59,864	4,842	15,385
Minnesota	70,249	27,377	1,589	12,084	3,838	4,162	13,577	901	4,973
Iowa	57,559	15,624	2,035	13,083	1,603	2,950	13,828	680	3,067
Missouri	71,395	31,113	1,979	13,264	2,988	3,434	13,991	1,404	3,768
North Dakota	9,902	6,219	84	2,225	46	394	2,421	148	242
South Dakota	11,761	4,468	130	2,400	514	420	2,565	321	491
Nebraska	23,687	4,570	357	5,012	184	1,396	5,105	320	1,629
Kansas	36,279	7,549	767	7,970	818	1,172	8,378	778	1,215
South Atlantic	364,610	174,003	7,450	57,679	11,923	21,601	66,650	9,959	24,418
Delaware	5,447	511	55	815	367	148	897	404	152
Maryland	47,072	38,668	1,049	8,212	701	1,645	9,222	1,164	1,682
Dist. of Columbia	27,286	7,956	671	4,741	598	1,277	5,960	587	1,395
Virginia	68,414	41,922	1,168	11,144	2,689	5,447	13,760	1,899	5,704
West Virginia	24,833	3,518	125	3,788	181	1,064	4,324	2,092	1,260
North Carolina	89,604	49,242	1,450	12,612	3,268	5,420	18,701	1,004	6,345
South Carolina	33,293	23,423	2,400	4,902	2,171	2,301	5,501	748	2,940
Georgia	47,762	2,400	7,144	519	2,244	8,336	5,585	1,553	2,558
Florida	20,899	3,199	176	4,261	1,329	2,055	4,940	416	2,388
East South Central	146,116	80,138	3,888	28,807	4,323	8,631	29,601	2,598	9,890
Kentucky	34,123	15,703	539	6,641	621	1,334	6,938	307	2,355
Tennessee	52,334	44,549	2,620	8,976	789	2,875	9,706	1,206	3,144
Alabama	35,150	16,681	432	6,695	2,281	2,140	7,878	842	2,462
Mississippi	24,600	3,205	97	4,495	632	2,180	5,079	242	1,731
West South Central	209,885	101,177	2,185	38,271	11,380	14,113	42,799	4,929	14,580
Arkansas	16,418	2,323	109	3,508	850	866	3,006	480	1,224
Louisiana	49,091	14,160	239	8,860	5,217	2,888	9,752	623	3,242
Oklahoma	34,910	9,863	389	7,483	1,876	1,879	7,785	553	2,161
Texas	109,466	74,831	1,888	19,425	3,417	8,480	21,356	3,272	7,962
Mountain	88,788	28,235	957	18,528	3,715	4,727	20,492	2,089	4,894
Montana	11,395	4,110	106	2,063	481	768	2,201	96	489
Idaho	6,925	3,400	48	1,976	126	568	2,127	473	535
Wyoming	3,518	3,947	116	1,011	90	273	1,067	107	322
Colorado	30,478	6,372	631	5,762	1,766	1,049	6,666	312	1,701
New Mexico	11,670	2,221	24	1,902	250	636	1,974	345	687
Arizona	9,433	1,389	18	2,188	796	756	2,172	283	461
Utah	7,383	1,517	81	3,087	208	511	3,595	175	517
Nevada	2,966	279	33	539	20	166	620	278	112
Pacific	216,763	98,852	5,924	48,082	9,384	12,309	54,392	5,128	10,600
Washington	32,903	10,728	307	6,620	947	1,452	7,384	513	1,457
Oregon	25,491	6,550	236	5,427	1,073	1,194	5,631	745	1,226
California	158,369	81,374	5,381	33,985	7,364	9,663	41,377	3,869	7,917
U. S. Service Academies	52,259	—	—	4,947	3,506	2,443	4,946	3,505	2,443
Alaska	930	1	14	148	77	57	268	23	58
Canal Zone	—	—	—	—	—	—	54	5	—
Hawaii	3,480	34	13	1,058	59	163	1,040	8	177
Philippine Islands	5,230	26	48	1,040	94	132	(4)	(4)	(4)
Puerto Rico	4,566	1,266	3	1,747	143	113	2,187	49	88

<sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.

<sup>2</sup> Includes funds temporarily functioning as endowments.

<sup>3</sup> Student loan funds and annuity funds. <sup>4</sup> Not available.

No. 156.—PROFESSIONAL SCHOOLS, INCLUDING TEACHER-TRAINING INSTITUTIONS—RESIDENT STUDENT ENROLLMENT, BY SEX: 1940 AND 1942

PROFESSIONAL SCHOOL	1940				1942			
	Undergraduate		Graduate		Undergraduate		Graduate	
	Men	Women	Men	Women	Men	Women	Men	Women
Continental U.S., total <sup>1</sup>	424,487	222,512	83,917	17,618	384,441	212,686	26,220	13,947
Agriculture	28,987	443	2,511	74	26,124	490	1,855	64
Architecture	3,650	614	103	18	2,283	657	86	8
Commerce	89,678	19,324	4,091	703	78,438	22,735	3,148	615
Dentistry	7,480	152	120	5	8,412	166	110	—
Education	80,275	140,299	14,411	14,034	54,658	119,975	9,443	10,773
Engineering	102,878	392	4,628	25	114,554	464	4,301	20
Fine arts	2,357	4,300	38	72	1,976	4,637	15	21
Forestry	8,917	—	128	1	2,632	4	96	—
Home economics	409	21,383	1	490	399	22,110	1	417
Journalism	1,755	1,422	146	94	1,398	1,043	75	37
Law	29,821	1,954	566	47	19,177	1,236	350	33
Library science	218	1,161	76	177	161	1,003	63	147
Medicine	21,831	1,424	2,139	204	22,615	1,443	1,730	182
Music	4,770	8,279	365	430	3,907	7,987	300	363
Nursing	4	9,434	—	207	104	11,217	—	190
Pharmacy	7,641	951	154	19	7,548	1,102	129	14
Theology	10,578	870	1,870	88	11,805	891	1,869	82
Veterinary medicine	2,577	15	72	2	2,541	29	71	2

<sup>1</sup> Totals include enrollment in professional schools not reported separately.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 157.—INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1942

YEAR	ENROLLMENT		YEAR	ENROLLMENT	
	Summer session <sup>1</sup>	Extension and correspondence		Summer session <sup>1</sup>	Extension and correspondence <sup>2</sup>
1920	132,849	101,662	1932	414,280	265,265
1922	220,311	155,163	1934	303,754	208,507
1924	278,125	194,147	1936	370,026	251,469
1926	340,461	324,819	1938	429,864	295,351
1928	382,776	360,246	1940	456,679	292,236
1930	388,006	384,133	1942	426,849	281,483

<sup>1</sup> For odd years, 1919, 1921, etc.

<sup>2</sup> Excludes noncollegiate students, as follows: 1932, 174,921; 1934, 45,484; 1936, 46,452; 1938, 75,822; 1940, 70,145; 1942, 80,904.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 158.—SCHOOLS OF NURSING—STUDENTS AND GRADUATES: 1879 TO 1940

YEAR	Schools <sup>1</sup>	Student nurses	Graduates	CLASS OF HOSPITAL OPERATING SCHOOLS		Number <sup>1</sup>
				Total, 1940	General hospitals	
1879	11	298	141	5,795	—	1,304
1880	15	323	157	—	—	—
1885	34	793	218	—	—	1,118
1890	35	1,552	471	—	—	131
1895	131	3,985	1,498	—	—	55
1900	432	11,164	3,456	—	—	—
1905	862	19,824	5,795	—	—	—
1910	1,129	32,636	8,140	5 years or more	469	5
1915	1,509	46,141	11,118	4 years	137	1
1920	1,755	54,953	14,980	3 years	22,064	217
1927	1,797	77,768	18,623	2 years	61	2
1931	1,844	100,419	25,971	1 year or less	1,345	986
1936	1,381	79,149	19,256	—	—	59
1940	1,304	97,345	24,076	—	—	359

<sup>1</sup> Number reporting.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education.

No. 159.—PUBLIC AND PRIVATE RESIDENTIAL SCHOOLS FOR THE BLIND, THE DEAF, THE MENTALLY DEFICIENT, AND DELINQUENTS: 1922 TO 1940

TYPE AND YEAR	States reported <sup>1</sup>	Schools reported	Pupils	TYPE AND YEAR	States reported <sup>1</sup>	Schools reported	Pupils
Blind:				Deaf—Continued			
1922.....	39	48	4,634	1936.....	45	79	15,866
1927.....	41	51	5,245	1940.....	45	79	14,073
1931.....	41	55	5,630	Mentally deficient:			
1936.....	41	55	5,851	1936.....	47	130	21,889
1940.....	40	50	5,870	1940.....	46	104	21,806
Deaf:				Delinquent:			
1922.....	43	75	11,417	1936.....	49	154	31,174
1927.....	44	76	13,928	1940.....	49	142	29,109
1931.....	45	83	14,854				

<sup>1</sup> Includes District of Columbia.

<sup>1</sup> Includes only children reported for school work.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of Special Schools and Classes for Exceptional Children.

No. 160.—SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT FOR CITY SCHOOL SYSTEMS, BY TYPE: 1922 TO 1940

[Data include home and hospital instruction]

TYPE AND YEAR	States reporting	Cities reporting	Pupils enrolled	TYPE AND YEAR	States reporting	Cities reporting	Pupils enrolled
Blind and partially seeing:				Crippled—Continued			
1922.....	12	44	(1)	1936.....	30	301	24,865
1927.....	18	80	4,465	1940.....	31	356	25,784
1932.....	20	95	5,308	Delicate:			
1936.....	27	161	7,251	1930.....	27	81	19,153
1940.....	28	181	8,876	1932.....	28	135	24,020
Deaf and hard - of- hearing:				1936.....	30	150	23,517
1922.....	16	74	2,911	1940.....	27	166	26,792
1927.....	22	83	3,515	Socially maladjusted:			
1932.....	24	116	4,434	1930.....	20	44	9,543
1936.....	31	168	6,318	1932.....	24	58	14,364
1940.....	30	168	13,478	1936.....	20	45	12,653
Mentally deficient:				1940.....	25	50	10,477
1922.....	23	133	23,252	Speech-defective:			
1927.....	32	218	51,814	1932.....	(1)	(1)	22,735
1932.....	39	483	75,099	1936.....	22	123	116,770
1936.....	43	643	99,621	1940.....	29	144	126,146
1940.....	42	565	98,416	Mentally gifted:			
Crippled:				1932.....	(1)	(1)	1,834
1930.....	22	81	13,120	1936.....	9	14	8,009
1932.....	24	145	16,166	1940.....	9	12	3,255
Epileptic:					13	33	499
1940.....							

<sup>1</sup> Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Special Schools and Classes for Exceptional Children.

**NO. 161.—VOCATIONAL SCHOOLS AND VOCATIONAL TEACHER-TRAINING COURSES,  
FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY CLASS OF  
SCHOOL OR COURSE AND BY SEX: YEARS ENDED JUNE 30, 1920 TO 1945**

[Institutions Federally aided are reimbursed from Federal funds provided under the act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1937," and subsequent acts extending the benefits of vocational education to Alaska, Hawaii, and Puerto Rico, and providing for the further development of vocational education. These acts, administered by the Office of Education provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Data for Hawaii are included beginning 1930, for Puerto Rico beginning 1936, and for Alaska beginning 1937]

CLASS OF SCHOOL OR COURSE	TEACHERS					PUPILS				
	1920	1930	1940	1944	1945 <sup>1</sup>	1920	1930	1940	1944	1945 <sup>1</sup>
<b>VOCATIONAL SCHOOLS</b>										
Total, all classes <sup>2</sup>				45,906	40,093	265,058	981,882	2,290,741	2,001,153	2,002,895
Male				26,528	(3)	163,228	603,514	1,279,109	967,059	913,956
Female				18,378	(3)	101,830	378,368	1,011,632	1,033,194	1,088,030
Evening	2,565	9,842	17,744	10,433	7,786	73,122	323,154	728,937	532,040	599,093
Part-time	1,773	5,468	14,600	10,007	7,561	122,974	407,286	525,355	521,353	465,202
All-day	3,331	9,245	24,917	25,032	24,542	68,962	241,486	1,022,284	935,934	929,755
Day-unit course		319	658	434	204		9,957	14,162	11,817	8,815
Agriculture <sup>2</sup>				12,239	8,690	31,301	188,311	584,133	469,959	437,268
Male				12,239	(3)	29,351	180,490	583,034	469,959	437,268
Female					(3)	1,950	7,821	1,099		
Evening	1,878	4,976	3,219	1,195		60,462	192,246	183,880	173,886	
Part-time	306	3,727	932	253		4,164	62,489	16,139	12,764	
All-day	1,570	4,346	8,450	7,654	7,068	31,301	113,728	318,223	259,235	243,200
Day-unit course		319	558	434	174		9,957	11,175	10,705	7,918
Trade and industrial <sup>2</sup>				15,349	15,102	184,819	618,604	758,409	543,080	532,718
Male				12,585	(3)	133,872	422,575	602,182	402,476	394,450
Female				2,764	(3)	50,947	196,029	156,227	140,604	128,268
Evening	1,779	5,030	5,769	966	2,080	48,354	165,317	167,908	27,717	70,154
Part-time, total	1,636	4,981	9,449	7,640	5,969	115,241	331,898	383,579	344,977	278,015
Trade extension	350	1,747	7,150	6,312	3,841	17,159	45,601	241,098	235,352	151,518
General continuation	1,286	3,234	2,289	1,328	2,128	98,052	336,207	142,481	109,625	126,497
All-day	1,047	3,054	6,040	6,743	7,053	21,224	71,389	206,922	170,586	174,549
Home economics <sup>2</sup>				15,980	14,086	48,988	174,987	818,768	808,605	890,464
Male				412	(3)	5	449	24,746	27,917	29,574
Female				15,577	(3)	48,933	174,518	794,020	778,688	860,890
Evening	786	2,034	4,857	4,572	2,998	24,768	97,375	245,850	233,650	284,419
Part-time	137	181	1,192	782	637	7,733	21,223	72,790	65,530	93,112
All-day	714	1,845	9,527	10,638	10,421	16,437	56,369	497,139	506,313	512,036
Day-unit course				90		30		2,987	1,112	897
Distributive occupational <sup>2</sup>				2,320	2,215			129,433	181,509	152,445
Male				1,292	1,202			63,147	67,607	52,064
Female				1,037	1,013			60,286	113,902	99,781
Evening				2,142	1,676	1,513		122,933	86,802	71,134
Part-time				232	653	702		6,500	94,707	81,311
<b>VOCATIONAL TEACHER-TRAINING COURSES</b>										
Total, all classes	1,082	4,843	1,588	1,604	1,743	12,456	20,736	40,491	35,497	\$ 23,338
Male	657	4,518	957	920	1,028	6,955	12,531	22,406	20,913	10,822
Female	425	4,325	631	684	715	5,471	8,205	18,085	14,584	12,488
In agriculture	293	195	392	331	359	2,310	3,325	6,428	1,816	2,044
Trade and industry	359	334	525	480	579	6,150	11,205	15,606	24,491	9,405
Home economics	414	316	556	614	651	3,352	6,206	12,768	8,376	10,701
Distributive occupations				115	170	154		5,680	814	1,188
Other and not specified		16				344				

<sup>1</sup> Figures are subject to revision.

<sup>2</sup> Totals for teachers omitted for 1920, 1930, and 1940 because of duplications in State reports by types of schools.

<sup>3</sup> Data not available.

<sup>4</sup> Excluding duplication.

<sup>5</sup> Includes 981 trained on the job only: 762, male; 219, female; 287, agriculture; 371, trade and industry; 60, home economics; 263, distributive occupations.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

No. 162.—VOCATIONAL EDUCATION AND TEACHER TRAINING, FEDERALLY AIDED—EXPENDITURES OF FEDERAL, STATE, AND LOCAL FUNDS, 1920 TO 1945, AND BY STATES, AND FOR HAWAII AND PUERTO RICO, 1945

[In thousands of dollars. See headnote, table 161.]

YEAR, STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION <sup>1</sup>				AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOMICS EDUCATION	
	Total funds	Federal	State	Local	Total funds	Federal	Total funds	Federal	Total funds	Federal
Total, years ended June 30:										
1920	8,535	2,477	2,670	3,388	2,437	890	3,397	700	1,054	156
1924	18,845	4,833	5,175	8,835	5,264	1,898	8,555	1,589	2,745	332
1928	25,716	6,821	7,029	11,865	7,009	2,844	12,021	2,454	3,721	492
1932	33,402	8,415	9,031	15,951	10,213	3,689	15,426	2,547	5,120	1,130
1936	33,428	9,749	8,601	15,073	10,327	3,863	15,006	3,430	5,807	1,429
1940	55,081	20,004	11,737	23,340	16,086	6,709	21,100	6,435	11,718	4,290
1943	63,488	20,307	14,210	28,971	18,038	6,759	24,533	6,317	15,026	4,396
1944 <sup>2</sup>	64,299	19,958	15,016	29,345	18,443	6,628	24,058	6,093	15,752	4,409
1945 <sup>2</sup>	65,642	20,006	15,348	30,289	17,821	6,529	24,757	6,143	16,669	4,405
Alabama	1,360	552	777	31	551	269	283	92	403	133
Arizona	231	110	20	101	63	32	53	27	63	26
Arkansas	1,038	414	264	360	471	217	141	46	312	105
California	2,565	717	492	1,356	566	188	892	206	800	174
Colorado	412	171	47	194	90	48	101	53	158	41
Connecticut	726	211	474	41	59	30	473	98	94	45
Delaware	184	93	18	73	42	22	65	30	36	20
Florida	1,111	283	224	604	295	82	481	95	235	66
Georgia	1,806	508	335	873	732	276	241	104	660	145
Idaho	210	101	26	84	67	35	42	22	62	23
Illinois	2,734	922	482	1,330	808	230	947	423	800	177
Indiana	1,891	528	166	1,198	558	179	494	171	680	110
Iowa	914	392	24	408	313	156	181	90	330	103
Kansas	656	280	50	296	308	130	82	42	197	76
Kentucky	1,404	475	172	457	434	213	183	81	373	124
Louisiana	1,444	413	94	387	583	178	254	95	502	93
Maine	270	125	25	120	91	45	51	25	93	37
Maryland	681	231	177	223	113	56	285	85	150	50
Massachusetts	2,291	473	928	890	135	44	1,551	286	385	82
Michigan	2,028	754	412	562	444	202	873	283	473	147
Minnesota	938	407	136	395	280	142	300	124	272	98
Mississippi	1,322	477	228	619	715	265	116	48	389	117
Missouri	1,328	594	297	437	514	234	360	166	342	137
Montana	267	116	19	131	89	40	53	27	78	25
Nebraska	544	235	51	257	205	103	89	46	183	56
Nevada	99	51	12	36	14	7	23	12	38	20
New Hampshire	164	77	22	65	35	19	50	26	55	20
New Jersey	1,949	431	452	1,065	187	60	1,354	230	211	66
New Mexico	243	109	22	112	66	35	53	25	75	25
New York	10,411	1,607	2,275	6,529	979	211	8,059	944	780	155
North Carolina	1,870	694	600	576	848	334	226	112	638	175
North Dakota	235	103	54	108	51	25	36	19	131	36
Ohio	2,801	801	347	1,243	549	151	897	311	611	191
Oklahoma	1,166	427	94	645	584	191	177	84	333	98
Oregon	398	182	23	193	117	61	125	50	94	41
Pennsylvania	4,427	1,272	2,083	1,073	1,057	287	2,081	505	865	260
Rhode Island	202	96	14	92	27	14	94	49	30	17
South Carolina	1,116	385	480	301	547	158	188	57	275	96
South Dakota	255	96	15	164	56	28	33	17	130	33
Tennessee	1,520	556	402	563	567	256	335	105	474	127
Texas	3,811	1,113	814	1,884	1,571	450	516	257	1,896	258
Utah	339	115	44	180	128	33	63	31	85	22
Vermont	107	91	10	87	42	21	57	25	52	21
Virginia	1,759	494	598	667	582	213	297	103	679	116
Washington	950	271	277	412	288	86	171	84	402	62
West Virginia	708	292	67	349	196	84	207	74	219	91
Wisconsin	2,097	511	59	1,527	502	185	818	141	602	111
Wyoming	153	71	21	61	48	24	22	11	50	20
District of Columbia	146	50	96	-----	5	3	76	19	43	19
Hawaii	331	106	226	-----	82	30	91	29	82	20
Puerto Rico	650	332	318	-----	217	118	117	58	234	115

<sup>1</sup> Includes data for distributive and teacher-training courses not shown separately in this table.

<sup>2</sup> Revised.

<sup>3</sup> Subject to revision.

No. 163.—VOCATIONAL COURSES, FEDERALLY AIDED—STUDENTS ENROLLED, BY CLASS, BY STATES, AND FOR HAWAII AND PUERTO RICO: YEAR ENDED JUNE 30, 1945

[Figures are subject to revision, see headnote table 161]

STATE OR OTHER AREA	VOCATIONAL OTHER THAN TEACHER TRAINING					VOCATIONAL TEACHER TRAINING				
	Total	Agricultural	Trade and Industrial	Home Economics	Distributive	Total	Agricultural	Trade and Industrial	Home Economics	Distributive
Total.....	2,002,995	437,268	522,718	890,464	152,445	23,338	2,044	8,405	10,701	1,188
Alabama.....	43,962	12,115	10,493	17,308	4,046	354	25	127	202	-----
Arizona.....	7,439	760	1,108	4,404	1,169	146	7	32	77	30
Arkansas.....	50,913	17,825	7,349	22,017	3,722	317	4	53	225	35
California.....	156,950	7,863	62,650	74,220	12,187	1,006	158	732	96	20
Colorado.....	22,915	1,439	5,769	13,571	2,136	611	32	150	410	19
Connecticut.....	12,889	520	6,390	4,601	1,378	166	18	129	14	5
Delaware.....	4,561	1,070	1,793	1,623	75	132	17	15	14	86
Florida.....	33,550	7,024	10,918	14,480	1,118	347	27	172	142	16
Georgia.....	99,859	40,280	6,507	45,021	8,051	214	13	15	166	20
Idaho.....	5,597	1,462	1,438	2,637	-----	89	24	18	47	-----
Illinois.....	59,110	11,515	19,552	25,330	2,713	623	37	312	150	124
Indiana.....	48,321	7,891	15,610	23,180	1,640	1,252	196	111	849	96
Iowa.....	34,511	10,731	7,825	15,094	861	364	10	60	253	136
Kansas.....	18,744	4,053	5,942	8,499	250	1,860	2	(2)	1,867	-----
Kentucky.....	37,763	9,655	4,617	15,533	7,953	222	43	20	155	4
Louisiana.....	39,077	9,866	6,822	21,043	1,346	150	16	88	41	5
Maine.....	4,808	1,008	1,433	2,330	37	391	134	141	216	-----
Maryland.....	14,395	2,895	5,181	5,763	556	203	2	151	39	111
Massachusetts.....	36,229	1,074	19,481	14,367	1,307	2,983	14	2,742	218	9
Michigan.....	77,544	8,776	28,355	34,786	5,627	815	77	441	271	26
Minnesota.....	25,001	7,452	4,094	13,611	744	535	41	308	158	128
Mississippi.....	60,030	27,461	7,024	24,222	1,323	487	115	71	268	33
Missouri.....	46,347	12,490	8,847	20,976	4,034	676	8	314	351	8
Montana.....	7,884	1,458	949	4,648	929	117	28	18	41	30
Nebraska.....	26,861	3,024	4,485	18,067	1,285	202	25	1,96	38	143
Nevada.....	1,771	123	436	1,212	-----	28	17	116	5	-----
New Hampshire.....	3,352	332	1,076	1,944	-----	111	17	2	92	-----
New Jersey.....	19,428	1,783	10,875	4,076	2,694	150	146	26	55	123
New Mexico.....	4,960	867	800	3,071	222	35	8	14	13	-----
New York.....	115,817	7,789	77,972	17,681	12,375	1,745	22	583	1,140	-----
North Carolina.....	63,411	20,895	7,860	32,168	2,488	341	12	18	296	15
North Dakota.....	6,359	892	1,044	4,340	83	129	119	117	88	5
Ohio.....	52,406	9,567	15,333	22,456	5,050	256	8	117	102	28
Oklahoma.....	30,615	8,566	3,742	16,518	1,789	291	43	64	127	57
Oregon.....	12,644	1,717	4,231	5,170	1,526	227	31	35	117	44
Pennsylvania.....	68,861	9,798	31,631	21,870	5,560	1,803	160	1,265	276	102
Rhode Island.....	2,400	377	1,001	932	-----	59	15	37	7	-----
South Carolina.....	102,639	55,345	5,012	38,213	4,069	238	20	39	186	138
South Dakota.....	6,371	938	559	3,904	970	53	2	2	43	6
Tennessee.....	50,167	15,161	12,039	25,839	6,128	605	78	162	350	15
Texas.....	108,271	45,758	25,288	104,389	22,386	985	231	284	417	53
Utah.....	16,046	2,713	1,878	7,257	4,198	240	60	47	106	27
Vermont.....	2,684	511	567	1,371	235	69	(2)	31	20	118
Virginia.....	76,228	16,270	10,850	43,746	5,362	318	95	12	198	13
Washington.....	45,743	4,394	15,013	20,592	5,744	306	1106	37	143	20
West Virginia.....	16,472	3,329	6,173	6,738	232	210	24	(2)	180	6
Wisconsin.....	82,128	13,025	26,405	38,515	4,183	261	3	129	123	6
Wyoming.....	3,174	747	351	2,076	-----	91	121	110	160	-----
Dist. of Col.....	3,820	22	1,522	2,193	83	106	12	13	87	14
Hawaii.....	11,078	1,436	4,731	4,203	708	136	10	191	23	112
Puerto Rico.....	20,950	5,206	1,627	12,249	1,868	230	36	38	134	22

<sup>1</sup> Received training on the job only.

<sup>2</sup> No report.

**NO. 164.—WAR TRAINING COURSES—ENROLLMENT, BY STATES, AND FOR HAWAII AND PUERTO RICO: JULY 1, 1940 TO JUNE 30, 1945**

[Does not include 729,938 enrollments in courses for youth employed on N. Y. A. work projects from July 1, 1940 to June 30, 1942.]

STATE OR OTHER AREA	PROGRAM OF VOCATIONAL TRAINING FOR WAR PRODUCTION WORKERS <sup>1</sup>				FOOD PRODUCTION TRAINING PROGRAM <sup>2</sup>		ENG., SCI., AND MGT. WAR TRAINING PROGRAM <sup>3</sup>	
	Preemployment		Supplementary					
	1940-45	1944-45	1940-45	1944-45	1940-45	1944-45	1940-45	1944-45
Total	2,667,449	104,439	4,802,057	932,774	4,188,552	1,152,986	1,795,716	237,593
Alabama	39,325	2,879	85,527	21,546	164,799	28,379	61,982	4,615
Arizona	11,871	337	30,432	11,738	16,918	4,259	717	109
Arkansas	16,617	985	8,237	1,114	180,515	45,780	3,660	227
California	207,667	12,950	613,725	113,656	155,527	66,478	247,732	48,776
Colorado	26,961	2,741	38,070	5,941	19,695	5,319	17,441	1,190
Connecticut	26,223	352	83,103	17,259	1,803	482	34,766	4,807
Delaware	3,742	16	32,399	5,080	4,676	1,383	2,118	359
Florida	46,096	3,755	90,904	16,930	102,962	24,356	10,770	943
Georgia	35,917	1,975	76,823	20,793	226,719	59,077	7,792	1,720
Idaho	9,588	522	5,712	766	40,666	20,967	524	
Illinois	114,145	1,693	266,749	37,417	119,567	33,800	133,389	18,494
Indiana	76,511	604	163,185	27,737	22,145	4,681	94,702	9,173
Iowa	16,961	419	24,368	4,360	29,632	5,862	11,942	1,084
Kansas	32,640	43	78,556	8,230	55,144	20,636	39,943	3,957
Kentucky	40,934	1,742	45,169	5,332	250,825	70,556	7,798	668
Louisiana	38,498	1,096	40,063	10,134	192,720	33,334	12,345	1,701
Maine	15,205	71	32,149	3,891	14,155	2,149	4,100	104
Maryland	56,551	3,570	97,145	14,447	40,636	11,170	29,655	5,787
Massachusetts	62,196	1,854	100,346	15,604	2,901	481	42,255	5,525
Michigan	132,327	740	243,720	32,075	58,652	17,858	63,831	0,088
Minnesota	43,583	3,284	59,246	15,199	90,466	29,306	12,821	2,868
Mississippi	27,490	838	53,660	25,700	413,527	112,505	9,567	637
Missouri	58,021	1,787	80,290	19,119	150,168	46,776	26,502	2,521
Montana	6,181	22	2,107	420	24,854	8,014	963	222
Nebraska	11,173	320	6,316	3,205	17,643	6,080	4,726	622
Nevada	624	63	1,287	32	3,411	608	410	
New Hampshire	9,088	342	9,715	1,825	5,994	1,246	4,809	499
New Jersey	68,975	734	140,498	20,820	12,620	3,662	78,550	12,615
New Mexico	8,830	355	9,687	2,619	11,717	3,781	2,212	145
New York	329,201	17,799	428,010	81,128	72,212	19,108	154,635	20,627
North Carolina	30,883	1,304	17,159	5,308	219,688	62,801	16,274	1,280
North Dakota	2,975		1,755	673	28,689	9,015	1,487	
Ohio	133,580	1,128	304,266	57,602	46,896	10,848	100,014	11,514
Oklahoma	43,970	412	74,281	11,241	152,959	36,558	25,458	4,014
Oregon	79,081	4,030	186,368	46,673	34,507	10,146	5,589	703
Pennsylvania	248,390	11,384	395,698	72,289	64,418	13,825	250,576	22,615
Rhode Island	12,663	81	46,141	13,142	344	29	14,590	4,331
South Carolina	21,837	747	23,282	1,927	172,419	53,502	9,422	839
South Dakota	6,524		662	602	4,225	473	516	
Tennessee	54,156	2,339	44,219	7,074	159,959	39,040	17,996	3,204
Texas	111,616	1,793	145,777	27,283	452,700	131,942	113,993	19,055
Utah	19,705	3,051	52,168	20,407	25,602	6,257	5,856	796
Vermont	5,295	412	6,920	1,310	11,922	2,544	1,231	162
Virginia	32,277	3,240	67,294	7,473	116,669	41,772	19,470	2,119
Washington	55,699	1,537	324,900	89,007	35,300	10,307	12,451	1,726
West Virginia	47,364	4,793	25,079	4,562	58,882	17,335	13,644	550
Wisconsin	66,606	563	80,260	15,468	58,451	13,238	35,280	4,944
Wyoming	5,353	281	11,100	1,038	6,794	1,556	1,554	115
Dist. of Col.	10,090	1,123	7,846	745	2,775	699	21,103	3,234
Alaska		1,705	122	27,216	4,744	4,185	711	31
Puerto Rico		13,755	1,349	9,901	229	25,199	2,286	346

<sup>1</sup> In the program of Vocational Training for War Production Workers: (a) Supplementary courses provide training for persons already employed in occupations essential to the war; (b) Preemployment courses provide training for persons preparing for employment in occupations essential to the war.

<sup>2</sup> In the Food Production War Training Program courses are provided to give training in food production and conservation, mechanics, farm machinery repair, and farm labor training.

<sup>3</sup> In the Engineering, Science, and Management War Training Program courses are provided to meet the shortage of engineers, chemists, physicists, and production supervisors in fields essential to the war.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

No. 165.—VOCATIONAL REHABILITATION OF DISABLED PERSONS, BY NUMBER REHABILITATED AND IN PROCESS OF REHABILITATION, BY STATES, AND FOR DISTRICT OF COLUMBIA, HAWAII, AND PUERTO RICO: 1930 TO 1945

[The Vocational Rehabilitation Amendments of 1943 (Public Law 113) expanded the Federal-State program for the vocational rehabilitation of civilians injured in industry or by accident or illness, or impaired by congenital defect. The scope of services now includes any services necessary to render disabled persons employable or to become more advantageously employable. The program is in operation in the 48 States, the District of Columbia, Hawaii, and Puerto Rico. Figures given relate to cases aided by Federal and State funds. Total expenditures in 1945 (fiscal year) comprised: Federal funds \$7,135,441; State funds \$2,720,103 (subject to final audit).]

STATE OR OTHER AREA	REHABILITATED (YEAR ENDED JUNE 30)						IN PROCESS OF REHABILITATION					
	1930	1935	1940	1943	1944	1945 <sup>1</sup>	1930	1935	1940	1943	1944	1945 <sup>1</sup>
	Total	4,612	9,422	11,890	42,618	43,987	41,925	20,394	40,941	29,810	64,823	74,224
Alabama	170	214	311	1,228	2,564	2,299	1,082	1,099	759	2,901	4,821	4,609
Arizona	30	44	62	139	94	83	55	216	157	231	301	401
Arkansas	45	63	114	671	733	525	431	768	418	1,060	1,266	1,693
California	257	675	1,215	3,155	3,196	2,971	606	2,341	2,835	3,539	4,049	5,371
Colorado	9	81	93	317	198	109	86	361	238	370	369	360
Connecticut	87	102	694	888	849	—	—	299	263	817	1,013	1,780
Delaware	—	—	16	151	164	257	—	—	64	282	367	421
Florida	22	101	179	949	837	896	351	405	442	1,757	1,782	1,815
Georgia	114	201	260	2,110	2,771	2,361	454	1,054	494	2,055	4,130	6,679
Idaho	15	46	67	134	57	81	102	191	170	184	153	146
Illinois	283	695	575	2,074	1,688	1,540	810	813	1,347	2,812	2,469	2,512
Indiana	140	312	254	721	453	546	628	1,351	1,179	1,688	1,904	2,700
Iowa	71	102	180	517	330	263	200	409	388	769	733	776
Kansas	—	—	—	274	320	296	—	—	—	325	423	566
Kentucky	146	307	234	2,106	2,181	2,418	608	1,055	585	2,992	3,586	2,519
Louisiana	35	81	83	1,013	2,179	1,596	271	613	594	1,522	2,614	2,364
Maine	23	56	55	134	148	172	139	210	125	154	270	470
Maryland	5	101	98	358	355	415	74	307	172	566	877	1,028
Massachusetts	132	151	233	739	477	386	361	658	644	1,026	1,081	910
Michigan	283	1,111	441	1,677	1,375	2,247	876	3,003	971	2,053	2,559	4,522
Minnesota	149	381	210	846	611	527	400	761	1,348	1,365	1,414	1,894
Mississippi	139	146	177	709	820	914	809	1,552	474	1,166	1,140	1,868
Missouri	89	371	964	969	968	963	(2)	92	579	1,994	1,716	1,275
Montana	18	41	64	160	112	158	97	267	170	253	225	357
Nebraska	53	47	95	196	161	116	144	227	209	326	226	236
Nevada	10	22	18	17	12	10	12	79	39	39	64	91
New Hampshire	—	47	26	95	78	64	—	326	112	166	206	270
New Jersey	243	476	558	2,195	2,640	1,369	1,087	1,822	734	2,531	1,551	1,156
New Mexico	14	31	29	68	33	71	73	115	88	77	174	320
New York	540	703	832	3,478	2,664	2,148	1,821	2,428	1,503	3,315	2,356	3,438
North Carolina	72	230	486	1,262	1,635	1,925	722	1,243	801	2,380	2,952	4,002
North Dakota	34	53	60	99	81	89	151	176	169	268	357	397
Ohio	471	472	559	1,133	1,042	1,054	971	1,052	862	1,396	1,373	2,326
Oklahoma	110	212	342	1,269	976	1,028	1,547	1,789	967	2,039	1,918	2,023
Oregon	18	58	123	301	159	361	54	261	266	468	773	1,004
Pennsylvania	398	456	730	1,876	1,428	1,021	1,719	2,961	1,049	2,949	3,149	3,788
Rhode Island	9	24	58	159	68	88	53	132	83	147	345	421
South Carolina	11	96	130	616	1,763	1,603	374	605	363	1,478	1,602	2,700
South Dakota	12	39	41	60	32	44	69	126	98	109	117	172
Tennessee	124	153	346	1,231	1,530	1,300	677	2,051	827	2,503	3,508	3,587
Texas	12	210	623	2,052	1,921	1,957	144	1,528	1,755	3,358	3,235	3,561
Utah	33	50	57	221	147	221	102	268	254	399	448	864
Vermont	—	—	33	114	125	107	—	—	44	144	194	284
Virginia	38	240	209	1,278	1,285	930	800	970	736	2,781	2,814	2,696
Washington	—	38	111	483	415	339	—	378	350	448	570	591
West Virginia	103	119	165	442	691	824	289	380	370	621	1,456	2,218
Wisconsin	193	344	538	1,336	1,030	1,333	1,006	3,367	2,586	3,615	3,432	3,322
Wyoming	23	57	18	68	37	57	139	198	126	132	153	180
Dist. of Col.	—	160	163	495	435	479	—	544	272	571	784	1,047
Hawaii	—	—	39	117	117	96	—	—	117	209	297	484
Puerto Rico	—	107	127	153	224	—	—	—	124	603	608	1,100

<sup>1</sup> Subject to revision.

<sup>2</sup> Not reported. Closed, lack of State appropriation, 1925 to 1930.

Source: Federal Security Agency, Office of Vocational Rehabilitation; Digest of Annual Reports of State Boards for Vocational Rehabilitation.

## 6. Climate

### Climatic Data of Selected Cities, by Months

Climatic data are gathered by the United States Weather Bureau at 5,500 stations, about 500 having automatic or hourly readings and the remaining 5,000 taking 1 observation a day. Observations have been taken at varying lengths of time at each station. The earliest year of record is 1871 at many stations, although some earlier, less detailed records began in the eighteenth century.

The following tables contain data from a carefully selected list of cities, chosen to give as general representation of climatic factors as is possible in the limited space available. The "Normals" are standard data selected by the Weather Bureau as representative of conditions in the local area. These data are adjusted to other long-record stations in the vicinity when the period of record is not the same as for the standard normals. In all other tables the averages represent the customary arithmetic average of the period of record. All temperature data are in degrees Fahrenheit, precipitation in inches and hundredths, and snowfall in inches and tenths. Wind data are corrected to true velocities.

The number of degree days as used in these tables is the sum of the positive differences between 65° and the daily mean temperatures. Experience has shown that, for buildings requiring an inside temperature of approximately 70°, the amount of fuel or heat used per day is proportional to the number of days the average outside temperature falls below about 65°. The degree day is based on this principle.

Relative humidity data represent averages based on three to four daily observations.

No. 166.—ELEVATION OF STATIONS IN SELECTED CITIES

STATION	Eleva-tion (feet)	STATION	Eleva-tion (feet)
Alabama.....Mobile.....	57	New Mexico.....Albuquerque.....	5,314
Montgomery.....	218	New York.....Albany.....	97
Arizona.....Phoenix.....	1,107	New York.....New York.....	314
Arkansas.....Little Rock.....	357	Rochester.....	623
California.....Fresno.....	282	North Carolina.....Asheville.....	2,253
Los Angeles.....	512	Raleigh.....	376
San Francisco.....	155	North Dakota.....Bismarck.....	1,677
Colorado.....Denver.....	5,292	Ohio.....Cleveland.....	805
District of Columbia.....Washington.....	112	Oklahoma.....Oklahoma City.....	1,214
Florida.....Jacksonville.....	43	Oregon.....Portland.....	154
Miami.....	25	Pennsylvania.....Harrisburg.....	374
Georgia.....Atlanta.....	1,173	Pittsburgh.....	842
Idaho.....Boise.....	2,739	South Carolina.....Charleston.....	48
Illinois.....Chicago.....	673	South Dakota.....Huron.....	1,301
Indiana.....Indianapolis.....	823	Tennessee.....Nashville.....	646
Iowa.....Des Moines.....	860	Texas.....Amarillo.....	3,676
Kansas.....Wichita.....	1,358	El Paso.....	3,778
Kentucky.....Louisville.....	525	Fort Worth.....	706
Louisiana.....New Orleans.....	53	Houston.....	138
Maine.....Eastport.....	75	Salt Lake City.....	4,357
Massachusetts.....Boston.....	124	Burlington.....	403
Michigan.....Detroit.....	730	Virginia.....Norfolk.....	91
Minnesota.....Sault Ste. Marie.....	614	Richmond.....	144
Mississippi.....Minneapolis.....	919	Seattle.....	125
Missouri.....Vicksburg.....	247	Washington.....Spokane.....	1,929
Kansas City.....	963	West Virginia.....Parkersburg.....	637
St. Louis.....	588	Wisconsin.....Madison.....	974
Montana.....Helena.....	4,124	Wyoming.....Cheyenne.....	6,144
Miles City.....	2,371		
Nebraska.....North Platte.....	2,821	Alaska.....Juneau.....	80
Omaha.....	982	Hawaii.....Honolulu.....	33
Nevada.....Winnemucca.....	4,339	Puerto Rico.....San Juan.....	82
New Jersey.....Atlantic City.....	52		

Source: Department of Commerce, Weather Bureau; records.

## No. 167.—NORMAL MEAN TEMPERATURES

[Temperatures adopted as "normals"]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama..... Mobile.....	51.5	54.7	59.7	66.3	74.4	80.3	81.4	81.0	78.1	69.3	58.6	52.2	67.3
Arizona..... Phoenix.....	48.2	51.6	57.8	65.8	73.4	79.6	81.7	80.8	76.3	66.6	55.8	49.4	65.5
Arkansas..... Little Rock.....	51.2	55.1	60.7	69.0	75.0	84.5	89.8	88.5	82.7	70.6	59.7	52.0	69.7
California..... Fresno.....	41.4	44.9	53.0	62.1	70.3	77.4	80.9	79.8	74.1	63.6	52.1	44.2	62.0
California..... Los Angeles.....	45.5	50.3	54.4	60.2	67.2	75.7	81.3	79.5	72.0	62.3	52.4	45.1	62.2
California..... San Francisco.....	54.6	55.5	57.5	59.4	62.2	66.4	70.2	71.1	69.0	66.3	60.9	56.6	62.4
Colorado..... Denver.....	49.9	52.2	54.2	55.0	55.8	55.5	55.9	55.1	60.9	60.5	56.3	51.3	56.1
Dist. of Col..... Washington.....	33.4	35.3	42.6	53.3	63.7	72.2	76.8	75.0	68.1	57.4	45.2	36.6	55.0
Florida..... Jacksonville.....	55.4	58.0	62.6	68.7	75.0	79.9	82.1	81.7	78.3	71.1	62.2	56.3	69.3
Florida..... Miami.....	66.5	67.1	70.2	72.8	76.4	80.0	81.0	81.4	80.1	77.0	71.8	68.0	75.4
Georgia..... Atlanta.....	42.6	45.3	52.0	61.0	69.9	76.0	78.1	77.0	72.4	63.0	52.1	44.7	61.2
Idaho..... Boise.....	29.8	34.8	42.7	50.4	57.1	65.3	72.9	71.8	61.9	51.1	41.0	32.1	50.9
Illinois..... Chicago.....	23.7	26.3	33.5	46.9	57.5	67.3	72.5	71.6	65.2	54.0	40.1	28.8	49.1
Indiana..... Indianapolis.....	28.4	31.1	40.0	52.1	62.9	71.6	75.7	73.7	66.9	55.7	42.3	32.2	52.7
Iowa..... Des Moines.....	20.1	23.7	35.9	50.1	61.3	70.6	75.4	73.1	65.6	53.4	38.4	26.0	49.5
Kansas..... Wichita.....	31.3	34.4	45.1	56.4	65.1	74.4	79.4	78.3	70.6	65.6	44.8	34.6	56.1
Kentucky..... Louisville.....	34.4	37.2	45.4	56.4	66.6	74.7	78.6	77.0	70.5	59.3	46.7	37.6	57.0
Louisiana..... New Orleans.....	54.2	57.3	62.8	68.5	75.4	80.6	82.4	82.2	79.2	71.0	61.6	55.6	69.3
Maine..... Eastport.....	20.4	21.5	28.9	39.0	47.7	55.1	60.4	60.7	55.8	47.5	36.7	26.3	41.7
Mass..... Boston.....	27.9	28.8	33.6	46.4	57.1	66.5	71.7	69.9	63.2	53.6	42.0	32.5	49.6
Michigan..... Detroit.....	24.4	26.3	33.4	46.2	58.0	67.4	72.1	70.3	63.5	52.5	39.3	29.3	48.5
Michigan..... Sault Ste. Marie.....	13.3	12.6	21.6	37.4	49.0	58.6	63.8	62.1	55.5	44.6	32.0	20.5	39.2
Minnesota..... Minneapolis.....	12.7	15.9	26.6	46.4	57.7	67.5	72.3	69.9	61.4	48.9	32.4	19.6	44.5
Mississippi..... Vicksburg.....	48.2	51.8	58.5	65.6	72.9	79.0	81.3	80.8	76.3	66.7	56.0	50.0	65.6
Missouri..... Kansas City.....	28.2	31.2	42.7	54.8	64.8	73.6	78.1	76.6	68.9	67.7	57.7	32.5	54.4
Montana..... St. Louis.....	31.1	34.8	44.1	56.1	67.0	75.0	78.8	77.5	70.5	58.8	45.4	34.9	56.2
Montana..... Helena.....	20.2	23.0	32.4	43.5	56.5	65.0	65.7	65.0	56.6	44.9	33.2	24.2	43.3
Montana..... Miles City.....	17.1	19.4	31.8	47.0	56.9	66.9	74.3	71.7	60.4	48.0	33.6	22.3	45.9
Nebraska..... North Platte.....	22.9	26.6	36.6	48.6	58.7	67.5	72.9	70.8	62.1	49.7	36.6	26.7	48.3
Nebraska..... Omaha.....	21.9	25.5	37.0	51.2	62.4	71.6	76.7	74.4	66.8	54.3	38.5	26.4	50.6
Nevada..... Winnemucca.....	28.6	33.5	40.0	46.7	53.9	62.8	70.6	69.3	59.2	48.3	38.4	30.0	48.4
New Jersey..... Atlantic City.....	32.5	33.6	38.6	47.8	58.1	66.1	72.1	72.5	66.8	56.9	45.6	36.4	52.3
New Mexico..... Albuquerque.....	34.1	40.5	45.9	54.0	63.9	72.6	76.7	73.9	67.9	56.6	43.3	34.5	55.3
New York..... Albany.....	23.1	24.1	32.7	46.8	59.3	68.0	72.6	70.8	63.1	52.1	39.3	28.5	48.4
New York..... New York.....	30.9	31.3	37.7	49.4	60.6	68.8	73.8	73.1	66.8	56.3	44.2	35.0	52.3
N. Carolina..... Rochester.....	24.6	24.6	31.8	44.9	57.1	66.1	70.7	69.2	62.4	51.5	38.7	29.3	47.6
N. Carolina..... Asheville.....	55.4	58.5	44.9	53.9	62.6	68.7	71.7	70.5	65.0	55.3	43.1	37.8	54.1
N. Dakota..... Raleigh.....	41.1	43.2	50.2	59.4	68.5	75.7	78.7	77.0	71.1	62.0	51.0	43.0	60.1
N. Dakota..... Bismarck.....	7.8	10.3	31.8	47.0	56.9	66.9	74.3	71.7	60.4	48.0	33.6	24.5	40.5
Ohio..... Cleveland.....	26.5	27.4	34.6	46.2	57.9	67.1	71.4	70.0	63.9	53.6	40.9	31.2	49.2
Oklahoma..... Oklahoma City.....	36.4	39.6	50.0	59.8	67.7	76.0	80.6	79.7	72.8	61.5	48.8	39.3	59.4
Oregon..... Portland.....	39.4	42.1	46.9	51.8	56.9	62.4	66.7	66.7	61.7	54.2	46.8	41.2	53.1
Pa..... Harrisburg.....	29.0	30.2	38.9	50.9	61.8	70.3	74.3	72.6	65.8	54.8	42.8	32.7	52.1
Pa..... Pittsburgh.....	30.7	32.3	39.6	51.2	62.4	70.7	74.6	72.9	66.4	55.7	43.2	34.2	52.8
S. Carolina..... Charleston.....	49.9	52.4	57.4	64.5	72.7	75.9	81.4	81.0	76.6	67.8	58.1	51.7	66.0
S. Dakota..... Huron.....	11.3	14.3	28.9	45.1	56.4	66.2	71.8	69.4	61.3	47.7	31.5	18.7	43.6
Tennessee..... Nashville.....	38.6	41.6	49.2	59.0	68.2	75.6	79.1	77.8	71.8	61.0	49.0	41.0	59.3
Texas..... Amarillo.....	35.3	38.1	46.9	55.8	64.1	72.8	76.8	75.7	69.3	57.7	45.5	37.0	56.3
Texas..... El Paso.....	45.0	49.0	55.8	63.4	71.5	79.6	81.1	79.2	73.9	63.5	52.7	44.9	63.3
Texas..... Fort Worth.....	45.4	48.3	57.7	65.0	72.3	79.9	83.6	83.0	76.9	66.7	55.5	47.5	65.2
Texas..... Houston.....	52.7	55.9	63.8	69.3	75.5	81.4	83.7	83.2	79.0	70.3	61.0	54.4	66.1
Utah..... Salt Lake City.....	29.2	33.8	41.7	49.6	57.4	67.4	75.7	74.5	64.4	52.5	41.1	31.9	51.6
Vermont..... Burlington.....	18.8	19.4	20.1	43.8	56.5	65.7	70.3	67.9	60.3	49.2	36.3	24.4	45.1
Virginia..... Norfolk.....	40.6	42.7	48.2	56.8	66.2	74.4	78.7	77.4	71.6	62.5	51.4	43.1	59.5
Virginia..... Richmond.....	37.9	39.6	47.2	56.6	66.5	74.1	78.5	76.5	70.5	59.6	48.3	39.8	57.9
Washington..... Seattle.....	40.8	42.8	46.4	51.1	56.6	61.4	65.5	65.1	60.3	53.7	46.8	42.6	52.8
Washington..... Spokane.....	27.5	31.3	39.7	48.4	55.5	62.8	69.0	68.1	59.2	48.3	38.5	30.5	48.2
W. Virginia..... Parkersburg.....	32.5	34.2	42.8	53.4	63.8	71.4	75.4	73.9	67.3	56.1	43.8	35.2	54.2
Wisconsin..... Madison.....	16.7	19.1	30.6	45.4	57.6	67.2	72.1	69.8	62.4	50.3	35.2	22.8	45.8
Wyoming..... Cheyenne.....	25.5	27.3	33.1	40.9	50.3	60.4	66.7	65.6	57.0	44.8	34.8	28.5	44.6
Alaska..... Juneau.....	27.7	30.0	33.7	40.7	47.7	54.2	56.7	55.3	50.4	43.3	35.7	30.9	42.2
Hawaii..... Honolulu.....	71.4	71.5	71.8	73.0	74.8	76.6	77.6	78.3	78.2	77.2	75.0	73.1	74.9
Puerto Rico..... San Juan.....	75.0	74.9	75.4	76.6	78.6	79.7	80.1	80.5	80.5	79.8	78.4	76.3	78.0

Source; Department of Commerce, Weather Bureau; records.

## No. 168.—AVERAGE MEAN MAXIMUM TEMPERATURES

[Averages for period of record, including 1944]

STATION	Length of record yrs.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Alabama... Mobile	68	60.1	62.6	68.3	75.0	82.4	88.2	89.6	89.2	86.3	77.6	68.0	61.0	75.7	
Montgomery	71	57.7	60.7	68.0	75.5	82.3	89.7	90.9	89.9	86.4	76.6	66.1	58.5	75.3	
Arizona... Phoenix	49	65.1	68.8	74.0	82.3	91.1	101.1	103.5	101.4	97.2	86.3	74.8	65.6	84.3	
Arkansas... Little Rock	64	60.2	63.4	62.6	71.9	79.1	87.0	90.2	89.5	84.1	73.8	61.2	52.2	71.3	
California... Fresno	55	54.2	61.3	66.4	74.1	81.8	91.2	99.1	97.5	89.2	78.5	66.6	55.1	76.3	
Los Angeles	67	64.8	65.6	67.4	69.6	71.8	76.3	81.2	82.0	80.4	76.3	72.8	67.0	72.9	
San Francisco	70	65.1	58.5	60.7	62.2	63.4	65.6	65.1	65.2	68.4	67.8	62.9	56.4	62.6	
Colorado... Denver	73	42.7	44.6	51.3	59.7	69.0	82.0	85.7	84.3	76.5	64.6	52.6	44.5	63.0	
Dist. of Col. Washington	71	41.5	43.1	52.5	63.6	74.0	82.5	86.6	84.1	78.2	67.0	54.5	44.5	64.4	
Florida... Jacksonville	71	64.6	66.7	72.0	77.4	83.4	88.0	90.0	89.4	85.6	78.4	70.9	65.4	77.6	
Miami	48	74.6	75.5	78.1	80.7	83.8	86.4	87.8	88.3	87.0	83.5	78.6	71.7	81.7	
Georgia... Atlanta	64	51.2	54.1	62.0	70.4	78.8	85.6	87.2	86.0	82.0	71.8	60.5	52.4	70.2	
Idaho... Boise	67	37.0	43.1	52.9	62.5	70.8	79.7	89.7	87.9	76.5	64.1	50.1	39.7	62.8	
Illinois... Chicago	74	31.8	33.5	42.9	54.4	65.4	75.0	80.4	78.5	72.5	61.0	47.0	35.8	56.5	
Indiana... Indianapolis	74	36.3	38.0	48.8	61.3	72.3	81.5	85.9	83.6	77.1	64.9	49.0	39.2	61.6	
Iowa... Des Moines	66	29.8	33.4	46.0	60.7	71.9	81.0	86.7	84.0	76.1	64.2	47.7	34.1	59.7	
Kansas... Wichita	54	41.2	44.9	56.3	67.0	75.1	86.2	90.7	90.1	82.3	70.1	55.3	44.3	66.9	
Kentucky... Louisville	71	42.4	45.1	54.6	65.8	79.5	84.2	88.2	86.4	80.6	68.9	54.8	44.0	66.0	
Louisiana... New Orleans	71	62.5	65.0	71.0	76.8	83.0	88.3	89.5	89.4	86.3	78.6	69.7	63.5	77.0	
Maine... Eastport	67	28.9	28.8	36.3	45.3	55.1	63.4	68.4	68.2	62.7	52.8	43.0	32.4	48.8	
Mass... Boston	61	35.8	36.6	43.4	54.5	65.7	75.2	80.1	77.8	71.2	61.6	49.3	39.6	57.6	
Michigan... Detroit	72	31.4	32.2	41.4	54.0	67.0	76.5	81.6	79.1	72.4	60.1	45.7	35.0	56.4	
Sault Ste. Marie	66	22.0	21.6	31.4	45.0	58.9	69.3	74.1	71.7	64.5	52.0	38.0	27.0	48.1	
Minnesota... Minneapolis	64	22.0	24.8	33.3	55.6	67.9	77.3	83.0	80.1	71.8	58.5	40.5	27.0	53.9	
Mississippi... Vicksburg	(1)	57.0	60.0	68.0	75.0	82.0	88.0	90.0	90.0	86.0	77.0	66.0	58.0	75.0	
Missouri... Kansas City	66	38.2	40.3	53.0	64.6	74.1	83.5	88.7	87.1	79.6	68.3	53.3	41.4	64.4	
St. Louis	71	40.7	42.7	54.3	66.2	76.2	85.2	89.9	88.0	81.0	69.2	54.6	43.8	66.1	
Montana... Helena	65	28.7	32.1	42.1	52.4	62.9	71.4	81.0	79.6	67.6	55.7	41.5	32.9	54.1	
Miles City	50	27.2	29.7	42.5	58.6	68.9	78.7	88.0	85.7	73.8	60.5	44.1	31.7	57.4	
Nebraska... North Platte	69	35.6	39.7	49.7	61.6	71.1	81.0	87.6	86.0	77.8	65.7	50.6	39.5	62.2	
Omaha	69	30.9	35.0	47.2	61.6	72.3	81.8	87.3	84.8	76.8	64.6	48.2	35.5	60.5	
Nevada... Winnemucca	65	39.0	44.4	52.0	61.1	60.7	70.3	79.5	88.2	77.5	65.4	52.3	41.7	63.4	
New Jersey... Atlantic City	71	40.6	40.3	46.2	64.8	74.3	78.8	78.2	73.5	63.9	53.1	43.7	39.3	59.3	
New Mexico... Albuquerque	52	47.2	52.8	61.1	69.4	78.4	88.2	90.2	88.0	81.6	70.6	57.6	47.5	66.4	
New York... Albany	71	31.6	32.0	41.5	56.3	66.2	76.2	85.2	89.0	82.0	72.7	60.5	46.9	35.3	57.2
New York... New York	49	37.4	38.4	45.4	57.2	68.5	77.0	81.7	80.1	73.7	63.7	51.0	41.2	59.6	
Rochester	71	31.8	31.4	39.7	52.8	61.1	73.8	80.5	87.4	78.1	71.8	59.2	48.6	35.1	55.6
N.C. Carolina... Asheville	40	47.9	49.4	57.3	65.4	73.9	80.5	82.9	84.0	77.6	67.7	56.6	48.6	66.0	
Raleigh	58	51.0	52.3	61.2	69.9	78.9	85.6	87.4	86.4	81.4	71.2	60.8	51.2	69.9	
N. Dakota... Bismarck	69	18.0	22.0	35.0	55.0	67.0	76.0	83.0	81.0	71.0	57.0	39.0	25.0	52.0	
Ohio... Cleveland	72	34.2	34.5	42.7	54.1	65.8	75.1	79.4	77.5	72.1	60.8	47.6	37.4	56.8	
Oklahoma... Oklahoma City	54	47.2	50.8	61.7	70.9	77.8	86.9	91.8	92.0	84.9	73.4	59.9	49.2	70.2	
Oregon... Portland	70	44.3	48.4	55.0	61.4	67.2	72.2	78.4	78.1	71.8	62.8	52.2	46.4	61.5	
Pa... Harrisburg	56	36.9	37.3	47.8	60.3	71.8	80.0	84.4	81.7	75.6	63.6	50.6	39.7	60.8	
Pittsburgh	67	38.8	39.7	48.8	60.4	72.1	80.2	84.2	82.2	76.4	64.3	50.6	40.8	61.5	
S. Carolina... Charleston	71	58.2	59.5	65.0	72.2	79.8	85.6	88.0	87.3	83.2	74.9	66.0	59.3	73.3	
S. Dakota... Huron	63	23.0	26.1	40.6	58.0	69.1	78.8	85.5	83.5	74.6	61.0	42.7	29.5	56.0	
Tennessee... Nashville	73	47.4	50.1	59.0	69.0	78.0	85.6	87.7	87.5	77.4	68.3	58.3	49.4	68.8	
Texas... Amarillo	52	49.2	51.7	61.1	69.5	76.9	86.0	89.4	88.5	82.6	71.2	59.3	49.8	69.5	
El Paso	56	57.4	62.2	69.1	77.1	85.4	93.7	93.2	91.2	86.2	77.4	65.4	57.1	76.3	
Fort Worth	44	56.5	59.3	68.8	75.4	82.1	90.6	93.9	94.6	88.2	78.5	66.4	57.2	76.0	
Houston	53	62.2	64.8	71.8	77.8	84.1	90.2	92.1	92.4	88.2	80.9	70.7	63.4	78.2	
Utah... Salt Lake City	70	36.6	41.4	50.8	60.0	69.2	80.0	88.9	86.9	76.5	63.2	49.6	39.1	61.8	
Vermont... Burlington	52	26.8	26.7	37.2	51.3	64.8	73.9	78.8	76.8	68.6	56.8	42.0	30.5	52.9	
Virginia... Norfolk	70	49.3	50.3	57.5	66.1	75.5	83.1	86.8	84.8	79.5	60.7	59.5	51.0	67.8	
Richmond	47	47.7	48.5	58.3	67.3	77.2	88.8	87.6	85.6	80.7	70.4	58.9	48.8	67.9	
Washington... Seattle	53	44.7	47.5	52.0	58.0	63.5	68.4	73.4	73.0	66.7	58.7	51.0	46.5	58.6	
Spokane	63	33.3	35.6	49.5	59.5	68.0	74.9	84.3	83.1	71.9	58.6	44.3	36.2	58.6	
W. Virginia... Parkersburg	54	41.5	42.3	52.8	63.6	74.3	82.1	85.8	84.1	79.2	66.7	53.1	43.3	64.1	
Wisconsin... Madison	76	24.7	27.6	38.4	54.1	66.7	76.1	81.4	78.6	70.6	57.9	41.9	29.2	53.9	
Wyoming... Cheyenne	71	36.3	38.4	44.3	52.7	62.5	73.9	80.5	79.3	71.0	57.5	46.2	39.2	58.8	
Alaska... Juneau	48	31.8	34.5	38.9	47.0	55.3	62.4	68.7	61.6	56.0	48.1	40.1	34.7	47.8	
Hawaii... Honolulu	39	76.2	76.4	76.6	77.7	79.5	81.2	82.2	82.9	82.9	79.6	77.7	79.6		
Puerto Rico... San Juan	41	80.0	80.2	80.9	82.1	84.2	84.9	84.9	85.4	85.8	83.5	81.3	83.2		

<sup>1</sup> Based on records of 46 to 72 years.

Source: Department of Commerce, Weather Bureau; records.

## No. 169.—AVERAGE MEAN MINIMUM TEMPERATURES

[Averages for period of record, including 1944]

STATION	Length of record years	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama...Mobile	68	42.9	46.3	52.0	58.6	65.7	72.2	74.0	73.6	70.3	59.8	50.2	44.7	59.3
Montgomery	71	40.1	42.4	48.3	55.1	63.1	70.2	72.4	71.9	67.5	56.3	46.1	40.9	56.2
Arizona...Phoenix	49	58.5	62.7	47.0	52.9	60.0	69.8	72.2	76.0	69.2	59.0	52.2	45.4	39.5
Arkansas...Little Rock	64	33.9	36.1	44.0	52.0	60.8	68.8	72.1	71.1	65.3	54.0	43.0	36.2	53.2
California...Fresno	55	58.2	41.7	47.8	48.1	53.2	59.7	65.0	63.7	58.2	51.1	43.2	38.4	50.4
Los Angeles	67	46.1	47.1	48.8	50.8	53.6	55.7	59.9	60.8	58.8	55.2	51.2	47.8	53.1
San Francisco	70	44.9	47.1	48.3	49.4	50.7	52.2	52.9	53.5	54.7	53.7	50.7	46.7	50.4
Colorado...Denver	73	18.4	20.9	27.2	35.5	44.6	53.5	59.4	58.2	49.3	38.3	27.8	20.5	37.8
Dist. of Col Washington	71	26.6	27.5	34.5	43.6	54.1	63.0	67.7	66.9	59.3	47.4	37.4	29.3	46.4
Florida...Jacksonville	71	47.3	48.9	50.6	59.7	66.4	71.9	73.8	73.7	71.4	63.5	54.1	48.0	61.1
Miami	48	60.7	60.7	64.0	67.1	71.2	74.4	75.8	76.1	75.3	72.2	66.3	62.2	68.8
Georgia...Atlanta	64	35.4	37.1	43.4	51.4	60.0	67.1	69.7	69.0	64.6	63.7	44.4	37.6	52.7
Idaho...Boise	61	21.9	26.7	32.8	38.6	45.0	51.4	58.0	55.5	47.6	39.5	30.9	24.7	30.4
Illinois...Chicago	74	18.0	20.0	29.3	39.7	49.6	59.7	66.1	65.3	58.5	47.0	33.9	23.9	42.6
Indiana...Indianapolis	74	21.6	23.2	32.1	43.1	53.5	52.8	68.8	64.7	57.9	46.6	34.7	24.4	44.4
Iowa...Des Moines	66	12.2	15.6	27.6	40.6	51.4	61.1	65.7	63.3	55.2	53.3	29.6	18.3	40.3
Kansas...Wichita	54	22.7	24.7	34.4	46.8	55.2	64.8	69.5	68.4	60.6	48.7	35.3	26.2	46.2
Kentucky...Louisville	71	27.1	28.6	36.8	46.7	56.4	55.4	62.9	67.6	61.0	49.2	38.2	30.4	48.0
Louisiana...New Orleans	71	47.3	49.4	55.1	61.2	67.8	73.8	75.6	75.6	72.9	64.3	54.4	48.5	62.2
Maine...Eastport	67	13.1	13.9	23.2	32.5	40.5	47.0	52.0	53.0	49.2	41.6	31.3	18.3	34.6
Mass...Boston	61	20.0	21.0	27.8	38.3	48.6	57.8	63.3	62.0	55.2	45.5	34.8	25.4	41.6
Michigan...Detroit	62	18.6	18.5	26.5	37.5	48.6	58.5	63.5	61.7	55.7	44.7	33.3	23.6	40.9
South St. Marie	49	6.6	3.6	14.1	21.8	39.1	47.9	53.3	53.0	47.7	37.9	27.0	14.1	31.1
Minnesota...Minneapolis	54	5.3	8.1	21.8	36.7	48.2	58.3	63.3	60.6	52.6	40.8	25.5	12.4	36.1
Mississippi...Vicksburg	(1)	41.0	43.0	49.0	56.0	63.0	70.0	73.0	72.0	67.0	57.0	47.0	42.0	57.0
Missouri...Kansas City	56	21.5	23.5	39.9	45.8	55.6	65.2	69.9	68.2	60.5	48.9	35.8	26.0	46.2
St. Louis	71	24.7	27.0	36.5	47.9	55.1	67.5	72.2	72.0	70.1	62.9	51.1	38.3	29.0
Montana...Helena	65	12.3	14.9	23.6	33.2	41.1	48.3	54.5	53.2	44.1	35.5	24.4	17.3	33.5
Miles City	50	7.0	8.6	21.2	35.1	45.3	54.6	60.9	57.8	47.4	35.8	23.3	12.3	34.1
Nebraska...North Platte	69	11.6	15.2	24.2	36.2	47.0	56.7	62.3	60.2	50.3	37.1	24.0	11.7	36.7
Omaha	69	13.5	16.8	28.2	41.6	52.8	62.4	67.6	65.3	56.6	44.5	30.1	19.4	41.6
Nevada...Winnemucca	65	17.3	22.3	27.4	32.9	39.9	47.4	53.9	51.0	41.2	31.9	23.5	18.7	34.0
New Jersey...Atlantic City	71	26.3	26.6	32.9	41.5	51.8	61.0	66.7	68.8	61.4	51.0	39.3	30.1	46.2
New Mexico...Albuquerque	52	21.3	25.7	31.6	39.0	47.6	56.6	62.2	60.5	53.2	41.1	29.4	22.0	40.8
New York...Albany	71	15.7	15.5	25.5	37.4	49.0	58.1	63.0	60.9	53.8	42.7	32.6	21.3	33.6
New York	49	24.5	24.2	30.2	41.6	52.6	60.5	65.9	66.2	59.8	49.0	37.3	28.8	45.0
Rochester	71	18.4	17.0	25.2	36.2	47.3	56.7	62.0	60.3	53.9	48.0	32.9	23.2	39.7
N. Carolina...Ashville	40	29.3	29.8	36.5	43.4	51.7	59.4	62.8	63.9	58.8	44.8	32.9	20.1	45.4
Raleigh	58	33.4	34.1	40.7	47.8	55.0	65.8	69.3	68.3	62.9	51.4	41.6	34.7	50.7
N. Dakota...Bismarck	69	-2.0	1.0	15.0	32.0	43.0	53.0	58.0	55.0	45.0	33.0	18.0	5.0	30.0
Ohio...Cleveland	72	20.8	20.4	28.1	38.6	49.9	59.8	64.8	63.1	57.0	46.1	34.9	25.4	42.4
Oklahoma...Oklahoma City	54	27.6	29.6	38.8	49.1	58.1	66.8	70.7	70.0	63.3	51.4	39.0	30.4	49.6
Oregon...Portland	70	34.4	36.6	40.1	43.4	48.2	53.0	56.6	56.4	52.6	47.3	40.8	37.0	45.5
Pa...Harrisburg	55	23.7	25.5	32.0	41.9	52.5	61.0	65.7	63.9	57.4	46.2	36.4	27.3	44.3
Pittsburgh	67	23.8	23.5	31.3	41.1	51.8	60.6	64.7	62.9	57.1	45.6	35.6	27.1	43.8
S. Carolina...Charleston	71	43.0	44.4	50.1	57.1	65.5	72.4	75.1	74.6	70.9	60.9	51.4	44.2	59.1
S. Dakota...Huron	63	2.0	5.3	19.9	34.2	45.0	55.4	60.5	58.0	48.5	35.7	20.9	9.5	32.9
Tennessee...Nashville	73	31.1	32.9	40.3	49.6	58.3	66.7	70.0	68.7	62.2	50.5	39.3	33.3	50.3
Texas...Amarillo	52	24.9	26.1	33.5	42.7	52.0	61.1	65.5	64.6	56.1	46.2	34.2	26.5	44.5
El Paso	56	32.8	36.8	42.5	50.1	58.5	67.2	69.8	68.5	63.2	51.9	39.8	33.7	51.3
Fort Worth	44	36.2	38.0	46.7	54.1	62.7	70.7	73.8	74.0	68.0	66.9	46.0	37.7	55.4
Houston	53	44.5	46.6	53.4	59.9	66.4	72.2	74.1	74.3	70.3	61.4	52.2	46.0	60.1
Utah...Salt Lake City	70	22.0	26.4	33.0	40.1	47.6	56.1	64.3	62.9	53.0	42.5	32.3	25.0	42.1
Vermont...Burlington	52	10.3	10.2	21.3	34.2	46.0	55.4	60.5	58.2	51.2	40.9	30.0	16.6	36.2
Virginia...Norfolk	70	33.9	34.1	40.0	57.6	66.1	70.5	70.1	65.4	54.8	44.3	36.2	21.7	51.7
Richmond	47	30.0	29.8	37.6	45.6	55.6	64.0	68.5	67.2	61.2	49.4	38.8	31.4	48.3
Washington...Seattle	53	36.0	36.8	39.2	42.5	47.3	51.8	54.9	55.1	51.7	46.9	41.4	38.0	45.1
Spokane	63	21.7	24.1	31.5	37.8	44.8	51.0	56.4	54.6	46.6	38.5	31.1	25.9	38.7
W. Virginia...Parkersburg	54	25.3	25.4	33.7	42.6	52.2	61.3	64.9	63.5	57.2	45.0	35.4	27.9	44.5
Wisconsin...Madison	76	10.0	12.4	23.7	37.2	49.0	58.9	63.9	61.7	54.1	42.4	28.5	16.7	38.2
Wyoming...Cheyenne	71	14.7	16.2	21.9	29.1	38.1	46.9	52.9	51.9	43.0	32.1	23.4	17.8	32.3
Alaska...Juneau	48	24.4	25.5	29.1	34.3	40.2	46.2	50.0	49.4	44.5	38.7	31.4	26.9	36.7
Hawaii...Honolulu	80	65.6	66.6	66.9	68.4	70.2	72.0	73.0	73.7	73.4	72.4	70.3	68.5	70.2
Puerto Rico...San Juan	41	69.8	69.4	70.0	71.4	73.4	74.6	75.2	75.5	75.1	74.3	73.1	71.3	72.8

<sup>1</sup> Based on records of 46 to 72 years.

Source: Department of Commerce, Weather Bureau; records.

## No. 170.—HIGHEST TEMPERATURES OF RECORD

[For period of record, including 1944]

STATIONS	Length of record years													An- nual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala.---- Mobile-----	68	78	81	91	90	98	102	103	101	103	95	86	80	103
	71	81	84	90	92	99	106	107	103	106	98	86	81	107
Ariz.---- Phoenix-----	49	84	92	95	103	114	118	118	115	112	105	96	84	118
Ark.---- Little Rock-----	64	78	87	90	94	97	105	108	110	104	93	84	78	110
Calif.---- Fresno-----	55	73	84	87	101	110	112	115	113	111	100	86	76	115
	67	90	92	99	100	103	105	109	106	108	102	96	92	109
	74	78	80	86	89	97	100	99	92	101	90	83	74	101
Col.---- Denver-----	73	76	77	82	86	95	99	102	105	106	104	93	83	74
D. C.---- Washington-----	72	77	84	93	95	97	102	105	106	104	98	86	83	106
Fla.---- Jacksonville-----	73	83	86	91	92	98	101	104	101	98	95	86	83	104
	48	85	88	92	93	94	94	95	96	95	93	88	91	96
Ga.---- Atlanta-----	64	76	78	87	93	97	102	103	101	102	94	82	75	103
Idaho.---- Boise-----	77	62	69	83	92	100	107	113	121	103	95	85	70	121
Ill.---- Chicago-----	74	65	68	81	91	98	102	105	102	100	87	78	68	105
Ind.---- Indianapolis-----	74	70	73	84	90	96	101	106	103	100	89	78	69	106
Iowa.---- Des Moines-----	66	65	78	88	92	105	108	110	110	102	92	82	69	110
Kans.---- Wichita-----	64	74	82	92	98	100	109	112	114	106	95	83	75	114
Ky.---- Louisville-----	71	74	78	88	91	98	102	107	105	102	91	79	74	107
La.---- New Orleans-----	74	83	84	90	90	96	102	102	100	99	94	89	84	102
Maine.---- Eastport-----	67	58	52	65	81	90	90	98	91	89	83	67	57	93
Mass.---- Boston-----	64	70	68	88	89	97	100	104	101	102	90	78	69	104
Mich.---- Detroit-----	62	66	66	81	88	95	104	105	104	100	89	75	65	105
	66	48	50	64	88	91	98	98	94	92	82	74	54	98
Minn.---- Minneapolis-----	54	53	64	88	91	106	104	108	103	104	90	77	63	108
Miss.---- Vicksburg-----	82	84	92	92	97	101	102	101	101	104	94	86	82	104
(1) Mo.---- Kansas City-----	56	70	81	81	95	103	108	110	113	107	98	83	74	113
	74	74	84	82	93	96	104	110	108	103	93	83	75	110
Mont.---- Helena-----	65	63	69	73	86	95	102	103	103	92	84	71	64	103
	56	66	71	88	91	101	108	111	108	106	91	76	71	111
Nebr.---- Miles City-----	69	70	74	86	95	99	104	109	108	105	94	83	76	109
	69	69	78	91	94	103	107	114	111	104	96	80	72	114
Nev.---- Winnemucca-----	65	61	69	82	87	98	104	108	106	97	87	75	70	108
N. J.---- Atlantic City-----	71	68	77	70	80	95	97	102	104	94	91	77	68	104
N. Mex.---- Albuquerque-----	52	70	78	85	89	95	104	102	101	97	88	83	69	104
N. Y.---- Albany-----	71	71	66	80	83	97	100	104	102	98	91	75	67	104
	73	68	73	80	91	96	97	102	102	100	90	75	68	102
	71	71	70	86	90	93	98	102	98	98	89	80	70	102
N. C.---- Rochester-----	71	71	70	87	89	91	98	99	96	95	85	76	78	99
	40	77	80	87	89	91	98	99	96	95	85	76	78	99
Raleigh-----	58	79	82	94	95	99	102	104	103	101	96	82	79	104
N. Dak.---- Bismarck-----	69	60	65	81	90	102	107	114	110	109	105	91	74	66
Ohio.---- Cleveland-----	74	71	73	83	88	92	100	103	100	98	88	79	69	103
Oklahoma.---- Oklahoma City-----	54	83	90	97	96	99	107	109	113	105	97	86	79	113
Oreg.---- Portland-----	71	65	68	83	93	99	102	107	102	102	88	73	65	107
Pa.---- Harrisburg-----	56	73	74	84	93	97	100	103	104	99	97	77	68	104
	67	75	77	84	90	95	98	103	103	102	91	79	73	103
S. C.---- Charleston-----	74	82	82	94	93	99	104	104	102	100	95	83	81	104
S. Dak.---- Huron-----	63	64	70	85	94	106	109	111	110	106	94	79	71	111
Tenn.---- Nashville-----	73	73	79	89	90	96	101	106	105	104	92	85	75	106
Tex.---- Amarillo-----	52	83	84	96	94	100	107	106	108	102	95	86	83	107
	56	77	86	93	95	102	106	108	106	100	94	85	77	106
	44	98	96	100	100	107	107	109	112	107	101	87	84	112
	55	84	90	94	93	98	103	104	108	101	99	89	84	108
Utah.---- Salt Lake City-----	70	62	68	77	85	93	103	105	102	97	88	74	68	105
Vt.---- Burlington-----	60	64	56	73	86	92	96	100	101	95	83	74	67	100
Va.---- Norfolk-----	74	80	82	92	95	98	102	104	105	100	94	82	76	105
	47	78	82	94	96	98	104	105	107	101	99	82	77	107
Richmond-----	53	67	70	81	85	92	98	100	92	95	82	68	65	100
Wash.---- Seattle-----	63	62	60	74	90	97	100	108	104	98	86	70	60	103
	54	74	77	89	93	96	99	104	104	98	86	72	72	103
Spokane-----	63	62	60	74	90	97	100	108	104	98	86	70	60	103
W. Va.---- Parkersburg-----	54	74	77	86	89	101	100	107	101	97	86	77	62	107
	86	58	63	86	89	101	100	107	101	97	86	77	62	107
Wis.---- Madison-----	71	64	66	77	82	88	97	100	96	91	85	75	69	100
	71	64	66	77	82	88	97	100	96	91	85	75	69	100
Alaska.---- Juneau-----	48	54	57	61	69	80	87	89	87	77	66	64	59	80
T. H.---- Honolulu-----	54	84	84	84	86	87	88	88	88	88	80	86	85	90
P. R.---- San Juan-----	41	58	60	91	93	94	93	91	93	94	94	93	88	94

<sup>1</sup> Based on records of 46 to 72 years.

## No. 171.—LOWEST TEMPERATURES OF RECORD

[For period of record, including 1944]

STATION	Length of rec- ord years	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. .... Mobile	68	11	-1	24	32	44	50	62	57	48	34	25	14	-1
Ala. .... Montgomery	71	5	-5	20	30	43	48	61	58	45	31	18	8	-5
Ariz. .... Phoenix	49	16	-24	30	35	39	49	63	58	49	36	27	22	16
Ark. .... Little Rock	64	-8	-12	14	28	39	51	58	52	41	27	10	5	-12
Calif. .... Fresno	55	17	24	28	34	38	42	50	51	42	35	27	23	17
Calif. .... Los Angeles	67	28	28	31	36	40	46	49	49	44	40	34	30	23
Calif. .... San Francisco	74	29	33	33	40	42	46	47	46	47	43	38	27	27
Colo. .... Denver	73	-29	-25	-11	4	19	32	42	40	21	-2	-18	-25	-29
D. C. .... Washington	72	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15
Fla. .... Jacksonville	73	15	10	26	34	46	54	65	64	49	37	25	14	10
Fla. .... Miami	48	20	27	34	45	50	61	66	67	62	52	36	30	27
Ga. .... Atlanta	64	-2	-8	8	25	38	39	58	55	43	28	14	1	-8
Idaho .... Boise	77	-28	-13	-5	11	25	30	40	32	23	14	-10	-18	-23
Ill. .... Chicago	74	-20	-21	-12	17	27	40	50	47	29	14	-2	-23	-23
Ind. .... Indianapolis	74	-25	-18	0	19	31	39	48	44	30	22	-5	-15	-25
Iowa .... Des Moines	66	-30	-26	-10	11	26	37	48	40	26	7	-10	-21	-30
Kans. .... Wichita	54	-15	-22	1	15	27	44	53	45	34	14	7	-10	-22
Ky. .... Louisville	71	-20	-14	3	21	33	43	54	47	36	23	1	-7	-20
La. .... New Orleans	74	15	7	28	38	52	58	66	63	54	40	29	19	7
Maine .... Eastport	67	-20	-23	-8	2	28	30	45	44	30	22	-13	-23	-23
Mass. .... Boston	64	-13	-18	-8	11	31	42	50	46	34	25	-2	-17	-18
Mich. .... Detroit	62	-16	-20	-7	8	28	38	48	43	30	22	0	-24	-24
Mich. .... Sault Ste. Marie	55	-32	-37	-27	-13	21	32	38	35	27	15	-12	-24	-37
Minn. .... Minneapolis	54	-34	-33	-17	6	22	36	44	42	26	10	-13	-27	-34
Miss. .... Vicksburg	(1) 3	-1	22	31	43	52	59	54	42	31	22	10	-1	-1
Mo. .... Kansas City	56	-20	-22	0	18	27	46	53	46	34	17	4	-13	-22
Mo. .... St. Louis	74	-22	-18	3	20	32	44	55	52	36	21	3	-15	-22
Mont. .... Helena	65	-42	-41	-20	-10	22	31	36	29	6	-8	-22	-40	-42
Mont. .... Miles City	50	-46	-49	-30	-7	20	33	42	34	17	-8	-26	-43	-49
Nebr. .... North Platte	69	-35	-35	-21	-3	19	33	41	36	21	4	-25	-30	-35
Nebr. .... Omaha	69	-32	-26	-8	6	25	40	50	44	30	8	-14	-20	-32
Nev. .... Winnemucca	65	-36	-26	-3	12	17	29	33	28	16	10	-9	-27	-36
N. J. .... Atlantic City	71	-4	-9	8	15	33	45	52	48	37	29	10	-7	-9
N. Mex. .... Albuquerque	52	-15	-10	6	13	25	35	42	46	26	21	5	-16	-16
N. Y. .... Albany	71	-24	-20	-10	9	29	37	45	35	30	19	-11	-21	-24
N. Y. .... New York	70	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
N. Y. .... Rochester	71	-14	-22	-7	7	27	36	45	43	34	19	1	-10	-22
N. C. .... Asheville	40	-5	-6	8	20	31	40	46	47	35	20	4	-4	-6
N. C. .... Raleigh	58	2	-2	16	23	34	46	53	52	39	30	15	0	-2
N. Dak. .... Bismarck	69	-45	-45	-36	-3	13	31	32	32	10	-10	-28	-42	-45
Ohio. .... Cleveland	74	-17	-16	-4	11	28	38	46	46	36	24	0	-12	-17
Okl. .... Oklahoma City	54	-11	-17	4	20	33	46	55	49	35	16	9	-2	-17
Oreg. .... Portland	71	-2	7	20	28	32	43	43	35	29	11	3	-2	-2
Pa. .... Harrisburg	56	-14	-13	5	11	34	43	50	48	35	25	10	-3	-14
Pa. .... Pittsburgh	67	-16	-20	1	11	27	39	49	45	35	20	1	-9	-20
S. C. .... Charleston	74	10	7	24	32	45	49	61	62	49	37	23	12	7
S. Dak. .... Huron	63	-43	-37	-25	5	20	31	41	33	18	-6	-23	-34	-43
Tenn. .... Nashville	73	-10	-13	3	25	36	42	54	51	38	26	8	-2	-13
Tex. .... Amarillo	52	-11	-16	-2	13	26	38	51	48	32	15	4	-6	-16
Tex. .... El Paso	56	2	5	14	26	36	46	57	54	42	26	12	8	2
Tex. .... Fort Worth	44	-1	-8	15	30	34	48	56	55	40	24	20	7	-8
Tex. .... Houston	56	5	6	23	34	45	55	55	54	45	33	23	15	5
Utah .... Salt Lake City	70	-20	-13	0	18	25	32	43	42	29	22	-2	-10	-20
Vt. .... Burlington	60	-27	-28	-24	5	26	33	43	38	25	17	-3	-29	-29
Va. .... Norfolk	74	5	2	14	23	38	49	57	56	40	31	17	5	2
Va. .... Richmond	47	-1	-3	14	19	35	43	52	49	40	28	14	-2	-3
Wash. .... Seattle	53	3	4	20	30	36	40	46	46	36	29	15	12	3
W. Va. .... Parkersburg	63	-30	-23	-10	14	29	34	41	48	37	22	9	-13	-18
W. Va. .... Madison	54	-16	-27	4	15	31	41	48	45	33	20	4	-10	-27
Wyo. .... Cheyenne	71	-33	-34	-20	-6	8	28	33	25	16	-5	-21	-28	-38
Alaska .... Juneau	48	-15	-15	-5	8	24	33	38	36	29	13	-1	-10	-15
T. H. .... Honolulu	54	54	52	53	59	60	63	63	63	65	63	59	55	52
P. R. .... San Juan	41	63	62	63	65	66	66	70	68	69	68	66	62	62

<sup>1</sup> Based on records of 46 to 72 years.

## CLIMATE

## No. 172.—AVERAGE PRECIPITATION, INCHES

[Data adopted as "normals"]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala. Mobile	4.85	5.33	5.98	4.63	4.32	5.43	6.89	6.92	5.00	3.60	3.64	5.02	61.61	
Ala. Montgomery	5.20	5.45	5.98	4.30	3.84	3.80	4.86	4.23	2.99	2.46	3.23	4.84	61.19	
Ariz. Phoenix	.80	.77	.68	.40	.12	.07	1.07	.95	.75	.47	.70	1.00	7.78	
Ark. Little Rock	4.73	3.64	4.62	6.19	4.78	3.76	3.50	3.75	3.17	2.71	4.19	4.14	48.38	
Calif. Fresno	1.73	1.43	1.58	.98	.44	.08	.01	.01	.21	.57	.93	1.45	9.39	
Calif. Los Angeles	3.10	3.07	2.78	1.04	.45	.08	.01	.02	.17	.68	1.20	2.63	15.23	
Calif. San Francisco	4.64	3.85	3.14	1.61	.80	.18	.02	.01	.45	1.12	2.35	3.95	22.02	
Colo. Denver	.40	.53	1.04	2.06	2.21	1.88	1.68	1.43	.99	1.05	.55	.73	14.05	
D. C. Washington	3.55	3.27	3.75	3.27	3.70	4.13	4.71	4.01	3.24	2.84	2.37	3.27	42.16	
Fla. Jacksonville	2.80	2.67	2.91	2.38	4.02	5.33	6.71	5.81	7.35	4.46	1.98	3.02	49.74	
Fla. Miami	2.27	2.03	2.68	3.41	7.15	7.17	5.60	5.88	8.65	7.74	3.26	1.98	37.77	
Ga. Atlanta	4.95	4.79	5.30	3.61	3.47	3.74	4.65	4.46	2.99	2.59	3.03	4.70	48.27	
Idaho Boise	1.73	1.44	1.35	1.18	1.43	.92	.19	.19	.53	1.24	1.28	1.57	13.10	
Ill. Chicago	1.90	1.14	2.58	2.78	3.54	3.30	3.33	3.21	3.14	2.53	2.37	2.04	32.86	
Ind. Indianapolis	2.05	2.73	3.93	3.62	3.89	3.62	3.34	3.31	3.40	2.78	3.35	2.95	39.90	
Iowa Des Moines	1.07	1.12	1.78	2.01	4.56	4.76	3.50	3.52	3.67	2.50	1.43	1.22	32.04	
Kans. Wichita	.78	1.25	1.75	2.91	4.46	4.38	3.38	3.13	3.09	2.59	1.39	1.00	30.11	
Ky. Louisville	4.00	3.55	4.39	3.88	3.72	3.82	3.70	3.42	2.79	2.65	3.61	3.74	43.26	
La. New Orleans	3.44	3.24	4.72	5.24	4.60	5.88	6.37	5.80	5.03	3.30	3.14	4.79	57.46	
Maine Eastport	3.92	3.35	3.83	2.84	3.01	2.97	3.08	3.00	2.78	3.55	3.32	3.74	39.39	
Mass. Boston	3.61	3.37	3.57	3.84	3.18	2.89	3.49	3.62	3.14	3.15	3.33	3.49	40.14	
Mich. Detroit	2.07	2.18	2.40	2.46	3.21	3.56	3.32	2.78	2.90	2.38	2.44	2.35	32.05	
Mich. Sault Sto. Marie	2.02	1.43	1.75	2.13	2.64	2.71	2.60	2.70	3.64	3.09	3.01	2.23	29.94	
Minn. Minneapolis	.88	.96	1.42	2.23	3.67	4.22	3.73	3.12	3.13	2.08	1.27	.98	27.66	
Miss. Vicksburg	5.37	4.82	5.57	6.19	4.32	3.09	4.53	3.46	2.87	2.77	3.71	5.33	61.93	
Mo. Kansas City	1.19	1.76	2.53	3.14	4.66	4.99	4.18	4.09	4.56	2.92	1.83	1.33	37.11	
Mo. St. Louis	2.84	2.56	3.38	3.81	3.44	3.82	2.08	2.99	3.46	2.72	2.83	2.21	37.44	
Mont. Helena	.56	.37	.70	1.12	1.08	2.04	1.14	.77	1.26	.61	.45	.47	11.55	
Mont. Miles City	.66	.49	.86	1.12	2.24	2.66	1.64	1.08	1.04	.90	.57	.63	13.79	
Nebr. North Platte	.39	.53	.86	2.06	2.78	3.22	2.74	2.39	1.35	1.07	.47	.52	18.39	
Nebr. Omaha	.70	.89	1.37	2.51	3.77	4.58	3.54	3.05	3.21	2.17	1.07	.92	27.77	
Nev. Winnemucca	1.03	.91	.96	.84	.88	.72	.21	.20	.41	.62	.68	1.08	8.54	
N. J. Atlantic City	3.49	3.55	3.60	2.99	3.05	3.04	3.03	4.49	2.65	3.20	2.82	3.04	40.56	
N. Mex. Albuquerque	.40	.52	.45	.60	.60	.49	.41	1.24	.82	.81	.46	.46	8.06	
N. Y. Albany	2.40	2.45	2.62	2.46	2.90	3.37	3.43	3.71	3.11	2.73	2.78	2.61	34.58	
N. Y. New York	3.66	3.82	3.64	3.23	3.24	3.34	3.24	4.24	3.43	3.39	3.53	2.96	3.62	42.99
N. C. Rochester	2.89	2.69	2.76	2.35	2.94	3.00	2.06	2.88	2.45	2.65	2.54	2.72	32.83	
N. C. Asheville	3.10	3.15	3.97	3.02	3.43	3.83	4.30	4.16	3.04	2.75	2.23	3.20	40.28	
N. C. Raleigh	3.66	3.92	3.87	3.47	3.81	4.39	5.40	5.41	3.61	2.86	2.28	3.58	46.26	
N. Dak. Bismarck	.45	.44	.89	1.32	3.22	3.35	2.24	1.82	1.23	.94	.57	.57	16.34	
Ohio Cleveland	2.51	2.51	2.71	2.44	3.12	3.12	3.46	2.77	3.33	2.78	2.64	2.44	33.82	
Oklahoma Oklahoma City	1.19	1.11	1.98	3.20	4.88	3.67	2.86	2.89	3.05	2.86	1.87	1.50	31.15	
Oreg. Portland	6.60	5.36	3.91	2.87	2.19	1.52	.61	.64	1.98	3.12	6.10	6.72	41.62	
Pa. Harrisburg	3.00	2.99	3.04	2.69	3.44	3.59	3.83	4.04	3.05	2.93	2.26	3.02	37.94	
Pa. Pittsburgh	3.05	2.62	3.03	2.92	3.21	3.81	4.05	3.23	2.58	2.52	2.29	2.86	36.17	
S. C. Charleston	3.02	2.98	3.02	2.53	3.00	4.59	6.89	6.53	4.53	3.27	2.14	2.74	45.22	
S. Dak. Huron	.56	.54	.91	2.24	2.98	3.79	3.16	2.46	1.57	1.28	.59	.57	20.65	
Tenn. Nashville	4.76	4.13	5.11	4.13	4.37	4.80	4.00	3.88	3.71	3.42	2.49	3.50	4.20	47.20
Tex. Amarillo	.51	.71	.71	1.83	2.79	2.84	2.84	3.08	2.30	1.66	.92	.80	20.99	
Tex. El Paso	.46	.41	.36	.26	.33	.58	.99	1.70	1.25	.80	.50	.52	9.16	
Tex. Fort Worth	2.05	1.76	2.32	4.02	4.65	3.35	2.61	2.62	2.49	2.81	2.58	1.87	33.13	
Tex. Houston	3.70	3.18	3.50	3.55	4.50	4.57	3.99	4.16	4.08	3.72	3.84	4.23	47.05	
Utah Salt Lake City	1.31	1.51	1.98	2.05	1.92	.80	.51	.85	.98	1.44	1.35	1.43	16.13	
Vt. Burlington	1.76	1.57	2.04	2.15	2.85	3.38	3.50	3.37	3.48	2.97	2.66	1.88	31.61	
Va. Norfolk	3.10	3.22	3.77	3.23	3.81	4.22	5.75	5.22	3.23	3.04	2.16	3.34	44.09	
Va. Richmond	3.21	3.17	3.68	3.49	3.79	3.90	4.73	4.42	3.25	2.88	2.21	3.29	42.02	
Wash. Seattle	4.94	3.89	3.05	2.38	1.87	1.33	.63	.70	1.77	2.84	5.03	5.60	34.03	
Wash. Spokane	2.16	1.77	1.20	1.13	1.42	1.28	.69	.62	.90	1.17	2.09	2.19	16.62	
W. Va. Parkersburg	3.58	3.13	3.49	3.19	3.38	4.00	4.29	3.51	2.76	2.48	2.57	3.03	39.41	
Wis. Madison	1.38	1.50	2.07	2.77	3.85	3.76	3.88	3.21	3.72	2.43	1.78	1.63	31.98	
Wyo. Cheyenne	.42	.64	1.02	1.99	2.43	1.61	2.10	1.55	1.20	.96	.52	.55	14.99	
Alaska Juneau	7.18	5.62	5.49	5.40	5.25	4.01	5.09	7.51	10.26	11.31	9.14	7.68	83.89	
T. H. Honolulu	3.92	2.50	2.98	1.93	1.07	.74	.87	1.10	1.44	2.15	2.48	3.86	25.04	
P. R. San Juan	4.16	2.76	3.15	4.36	5.24	5.30	5.94	5.98	5.91	5.86	6.77	5.50	60.92	

Source: Department of Commerce, Weather Bureau; records.

No. 173.—AVERAGE NUMBER OF DAYS WITH 0.01 INCH OR MORE OF PRECIPITATION

[For period of record, including 1944]

STATION	Length of record years	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.---- Mobile	69	10	10	10	8	8	12	15	14	9	6	7	10	119
Ala.---- Montgomery	71	11	10	10	8	9	11	12	11	8	6	7	10	113
Ariz.---- Phoenix	49	4	4	4	2	1	1	5	6	3	2	2	4	38
Ark.---- Little Rock	64	10	9	10	10	10	10	9	9	7	6	8	9	107
Calif.---- Fresno	55	8	7	7	4	2	2	(1)	(1)	1	2	4	7	43
Calif.---- Los Angeles	67	7	7	6	4	2	1	(1)	(1)	2	3	6	39	39
Calif.---- San Francisco	74	12	11	10	6	4	2	(1)	(1)	2	4	5	10	68
Colo.---- Denver	73	4	6	8	9	10	8	9	9	6	6	5	5	85
D. C.---- Washington	72	11	10	12	11	11	11	11	11	8	8	9	10	123
Fla.---- Jacksonville	73	9	8	8	7	9	13	15	15	13	9	7	8	121
Fla.---- Miami	34	8	7	7	7	12	13	15	15	18	15	10	7	134
Ga.---- Atlanta	64	12	11	11	10	10	11	13	12	8	7	8	11	124
Idaho---- Boise	43	11	9	9	7	7	5	2	2	3	6	8	10	79
Ill.---- Chicago	74	11	10	12	11	12	11	9	9	9	9	10	11	124
Ind.---- Indianapolis	74	12	11	13	12	13	11	10	9	9	9	11	12	132
Iowa---- Des Moines	66	7	7	7	10	12	11	9	9	9	8	7	8	104
Kans.---- Wichita	54	5	6	7	8	10	9	8	7	8	7	5	5	85
Ky.---- Louisville	72	12	10	12	12	11	11	10	9	8	8	9	11	123
La.---- New Orleans	74	10	9	9	7	9	13	15	14	10	7	7	10	120
Maine---- Eastport	68	15	13	14	12	12	12	12	11	11	11	12	14	149
Mass.---- Boston	62	12	10	12	11	11	10	10	10	9	9	10	11	125
Mich.---- Detroit	65	13	12	13	11	13	11	9	9	10	10	12	14	137
Mich.---- Sault Ste. Marie	44	17	13	11	11	12	10	11	10	13	14	16	17	155
Minn.---- Minneapolis	54	8	7	8	10	12	12	9	9	9	9	7	8	108
Miss.---- Vicksburg	(2)	11	10	10	9	8	9	11	9	7	6	8	10	108
Mo.---- Kansas City	56	7	8	9	10	12	11	9	9	8	7	6	7	104
Mo.---- St. Louis	62	9	9	11	11	11	11	9	8	8	8	8	9	112
Mont.---- Helena	64	9	8	8	8	11	12	8	6	7	7	7	8	99
Mont.---- Miles City	50	8	8	8	8	10	11	8	6	6	6	6	7	90
Nebr.---- North Platte	69	5	5	6	8	10	10	9	9	6	5	4	5	82
Nebr.---- Omaha	71	7	6	7	10	12	11	9	9	8	7	5	6	97
Nev.---- Winnemucca	65	9	9	9	7	7	5	3	2	3	5	6	9	74
N. J.---- Atlantic City	71	12	11	12	11	11	10	10	10	8	9	9	10	123
N. M.---- Albuquerque	52	3	3	3	3	3	3	7	7	4	2	3	4	47
N. Y.---- Albany	71	13	11	12	12	12	12	12	11	10	10	11	11	137
N. Y.---- New York	74	12	10	11	11	11	11	11	11	9	9	9	11	126
N. C.---- Rochester	72	19	17	17	14	17	14	11	11	10	11	13	15	168
N. C.---- Asheville	40	13	11	12	11	12	13	13	15	14	9	7	10	134
N. C.---- Raleigh	58	10	10	11	10	11	11	13	12	8	8	7	10	121
N. Dak.---- Bismarck	69	7	7	7	8	10	12	9	8	7	6	6	7	94
Ohio.---- Cleveland	72	17	15	15	13	13	11	10	9	10	11	14	16	154
Okla.---- Oklahoma City	54	6	6	7	8	10	9	6	7	7	6	6	6	85
Oreg.---- Portland	73	19	17	17	14	13	10	3	4	8	12	17	20	154
Pa.---- Harrisburg	56	11	10	11	11	12	12	11	11	9	9	10	12	126
Pa.---- Pittsburgh	71	15	14	15	13	13	12	12	10	9	10	12	14	149
S. C.---- Charleston	74	9	9	9	7	8	11	13	13	10	6	7	9	111
S. Dak.---- Huron	63	7	6	8	9	10	11	9	9	7	6	5	7	94
Tenn.---- Nashville	73	12	11	12	11	10	11	11	11	8	7	9	11	122
Tex.---- Amarillo	52	4	4	5	6	2	2	3	3	8	6	4	4	74
Tex.---- El Paso	67	3	3	2	2	2	3	9	9	9	6	3	4	50
Tex.---- Fort Worth	44	6	7	7	7	6	9	6	5	5	6	6	6	75
Tex.---- Houston	55	9	8	8	7	7	7	9	10	9	6	8	10	100
Utah---- Salt Lake City	70	10	10	10	9	8	5	4	5	5	7	7	11	91
Vt.---- Burlington	38	13	11	12	12	13	12	13	11	12	12	13	13	147
Va.---- Norfolk	74	11	10	12	10	11	11	13	12	8	8	8	10	124
Va.---- Richmond	47	11	10	11	10	11	11	11	11	10	7	7	10	120
Wash.---- Seattle	53	19	16	16	13	12	12	9	4	5	9	13	17	19
Wash.---- Spokane	63	14	12	11	9	9	8	4	4	6	8	12	15	111
W. Va.---- Parkersburg	54	15	13	14	13	12	13	12	10	9	9	11	13	144
Wis.---- Madison	66	9	8	9	11	12	10	9	9	10	9	9	10	113
Wyo.---- Cheyenne	73	6	6	9	10	12	10	11	10	6	6	5	5	96
Alaska---- Juneau	48	18	15	18	18	18	15	17	19	20	23	20	20	221
T. H.---- Honolulu	39	14	11	13	12	12	12	14	13	13	13	13	14	154
P. R.---- San Juan	41	21	15	15	13	16	17	19	20	18	18	19	21	212

<sup>1</sup> Less than 1 day.

<sup>2</sup> Based on records of 46 to 72 years.

## CLIMATE

## No. 174.—AVERAGE SNOWFALL, INCHES

[For period of record, including 1944. T denotes trace]

STATION	Length of rec- ord years	AVERAGE SNOWFALL, INCHES												An- nual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala.---- Mobile	59	0.1	0.1	T	0	0	0	0	0	0	0	0	T	0.2
Ala.---- Montgomery	71	0.2	0.3	T	0	T	0	0	0	0	0	0	T	.8
Ariz.---- Phoenix	50	T	T	T	0	T	0	0	0	0	T	T	T	4.9
Ark.---- Little Rock	59	1.9	1.3	0.5	T	0	0	0	0	0	0	T	T	.1
Calif.---- Fresno	58	.1	T	T	0	0	0	0	0	0	0	T	T	T
Calif.---- Los Angeles	67	T	T	0	T	0	0	0	0	0	0	T	T	T
Calif.---- San Francisco	74	T	T	T	0	T	0	0	0	.8	4.4	6.3	8.8	55.8
Colo.---- Denver	60	5.1	8.1	10.7	9.6	1.9	T	0	0	0	0	0	0	1.2
D. C.---- Washington	55	6.5	6.2	3.8	.5	T	0	0	0	0	0	.7	.8	3.3
Fla.---- Jacksonville	73	0	0	0	0	0	0	0	0	0	0	0	0	0
Fla.---- Miami	60	0	0	0	0	0	0	0	0	0	0	0	0	0
Ga.---- Atlanta	53	1.1	.8	.2	T	0	0	0	0	0	T	T	.4	2.5
Idaho---- Boise	57	8.3	5.6	2.9	.7	T	0	0	0	0	.1	1.6	5.2	24.4
Ill.---- Chicago	60	9.0	8.6	6.0	1.1	T	0	0	0	T	.1	1.9	6.0	33.4
Ind.---- Indianapolis	61	5.9	4.8	3.5	.7	T	0	0	0	0	T	1.3	4.5	20.8
Iowa---- Des Moines	60	8.8	7.3	5.4	1.1	T	0	0	0	0	.3	2.2	7.1	32.2
Kans.---- Wichita	54	3.0	3.8	2.8	.5	T	0	0	0	0	0	.1	.7	2.6
Ky.---- Louisville	59	4.0	3.3	2.1	.2	T	0	0	0	0	0	0	3.1	13.8
La.---- New Orleans	74	.1	T	0	0	0	0	0	0	0	0	0	T	.3
Maine---- Eastport	56	16.4	17.6	12.9	6.5	.3	T	0	0	0	0	.2	4.3	12.1
Mass.---- Boston	73	11.6	12.5	7.4	2.1	T	0	0	0	0	T	1.7	7.5	42.8
Mich.---- Detroit	50	10.7	9.6	7.5	1.9	.2	0	0	0	0	.1	2.6	9.1	41.7
Mich.---- Sault Ste. Marie	55	18.8	13.5	9.8	3.4	.6	0	0	0	T	2.1	12.3	17.9	78.4
Minn.---- Minneapolis	54	9.1	7.3	8.0	3.2	.3	0	0	0	T	.5	4.5	7.6	40.5
Miss.---- Vicksburg	(1)	.9	T	0	0	0	0	0	0	T	0	T	.3	1.6
Mo.---- Kansas City	56	4.8	5.9	4.0	1.0	T	0	0	0	T	.3	1.4	4.1	21.5
Mo.---- St. Louis	49	4.9	5.6	3.8	.6	T	0	0	0	T	.8	3.2	19.0	
Mont.---- Helena	65	10.2	8.5	9.4	5.6	.2	2.0	T	T	T	.9	4.1	6.7	55.9
Mont.---- Miles City	50	6.2	4.2	6.8	2.2	1.7	0	0	0	0	.1	1.5	3.8	5.7
Nebr.---- North Platte	60	3.6	4.7	6.4	1.9	.3	T	0	0	T	1.1	2.8	3.9	24.7
Nebr.---- Omaha	57	6.4	6.4	5.7	.7	T	0	0	0	0	.4	2.2	5.0	27.1
Nev.---- Winnemucca	65	7.6	5.2	3.8	1.7	.5	.1	T	0	T	.5	2.0	6.2	27.6
N. J.---- Atlantic City	61	4.3	2.9	2.3	.3	0	0	0	0	T	.6	2.9	15.4	
N. Mex.---- Albuquerque	47	1.7	1.4	1.3	.2	T	0	0	0	T	.8	2.0	7.4	
N. Y.---- Albany	60	12.1	13.2	9.7	2.0	T	0	0	0	T	3.1	9.0	49.1	
N. Y.---- New York	59	7.8	10.0	6.1	1.1	T	0	0	0	T	1.1	5.8	31.9	
N. C.---- Rochester	53	18.7	18.4	13.4	3.9	.2	0	0	0	T	.3	6.4	15.0	76.3
N. C.---- Asheville	40	2.9	2.7	2.1	.3	0	0	0	0	T	.1	.4	2.0	10.5
N. C.---- Raleigh	68	2.2	2.7	1.4	.3	0	0	0	0	T	.2	1.4	8.1	
N. Dak.---- Bismarck	58	5.6	5.5	7.5	3.0	.7	0	0	0	.1	1.1	5.0	5.8	34.1
Ohio.---- Cleveland	57	10.6	9.6	5.3	1.7	T	0	0	0	T	.2	4.1	8.9	40.4
Oklahoma---- City	54	2.3	1.9	1.1	.1	0	0	0	0	T	.3	1.7	7.4	
Oreg.---- Portland	73	5.6	3.2	.6	T	T	0	0	0	T	.4	3.1	12.9	
Pa.---- Harrisburg	66	8.5	9.3	6.5	.8	T	0	0	0	.1	1.1	5.3	31.6	
Pa.---- Pittsburgh	57	8.6	7.7	5.6	1.9	T	0	0	0	.1	1.8	6.4	32.1	
S. C.---- Charleston	54	T	.2	T	0	0	0	0	0	0	0	.1	.3	
S. Dak.---- Huron	63	5.9	5.1	6.0	2.1	.1	0	0	0	T	.6	3.2	.5	28.1
Tenn.---- Nashville	69	2.4	2.7	1.4	T	0	0	0	0	T	.3	1.3	8.1	
Tex.---- Amarillo	52	3.3	5.0	3.2	1.2	.2	T	0	0	T	.5	2.4	4.7	20.5
Tex.---- El Paso	67	.8	.4	.1	T	0	0	0	0	T	.4	7.0	2.4	
Tex.---- Fort Worth	44	1.0	.6	.3	T	0	0	0	0	T	.2	.5	2.6	
Tex.---- Houston	46	.1	T	T	0	0	0	0	0	0	0	.1	.2	
Utah---- Salt Lake City	59	11.9	10.8	9.7	3.3	.3	T	0	0	T	.9	5.7	11.3	53.9
Vt.---- Burlington	60	14.8	14.0	13.6	4.1	.1	0	0	0	T	.4	6.6	12.2	65.8
Va.---- Norfolk	54	2.5	2.9	1.8	T	0	0	0	0	T	.2	2.0	9.4	
Va.---- Richmond	47	3.6	3.7	2.2	.4	0	0	0	0	T	.4	2.8	13.1	
Wash.---- Seattle	53	4.8	3.7	.9	.2	T	0	0	0	T	.9	1.6	12.1	
Wash.---- Spokane	59	11.7	8.2	2.8	.4	T	0	0	0	T	.1	4.2	0.0	36.4
W. Va.---- Parkersburg	54	6.6	6.5	4.4	.9	T	0	0	0	T	.1	1.4	4.6	24.5
Wis.---- Madison	61	9.3	8.1	7.7	1.8	.1	0	0	0	T	.3	2.8	7.1	57.3
Wyo.---- Cheyenne	60	4.9	7.9	11.1	11.8	3.0	.3	0	0	.6	4.0	5.4	6.3	55.3
Alaska---- Juneau	39	28.1	23.8	14.9	4.6	.1	0	0	0	.1	1.5	9.1	25.0	107.2
T. H.---- Honolulu	35	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R.---- San Juan	41	0	0	0	0	0	0	0	0	0	0	0	0	0

1 Based on records of 46 to 72 years.

Source: Department of Commerce, Weather Bureau; records.

## No. 175.—AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE

[For period of record, including 1944]

STATION	Length of rec- ord years	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala. .... Mobile	34	51	56	62	68	71	70	62	63	66	69	63	46	62
Ala. .... Montgomery	32	51	53	62	68	71	72	64	67	69	70	64	47	64
Ariz. .... Phoenix	49	75	72	82	87	92	94	83	83	88	89	83	76	84
Ark. .... Little Rock	50	48	52	58	63	67	73	72	73	72	70	57	48	63
Calif. .... Fresno	45	44	63	72	83	88	94	97	96	92	87	74	49	80
Calif. .... Los Angeles	48	69	68	69	68	64	70	78	79	77	76	79	72	72
Calif. .... San Fran- cisco	64	52	57	64	70	70	76	69	63	70	70	63	56	66
Colo. .... Denver	54	67	66	64	59	61	69	68	67	70	70	67	64	66
D. C. .... Washington	49	46	53	55	57	61	63	64	61	61	61	53	47	57
Fla. .... Jacksonville	47	57	59	68	72	71	64	64	65	62	66	62	53	63
Fla. .... Miami	34	65	70	72	73	68	61	67	63	62	63	63	65	66
Ga. .... Atlanta	48	49	53	59	65	68	69	61	60	66	68	61	48	59
Idaho .... Boise	43	38	49	57	67	73	79	92	87	80	88	51	40	65
Ill. .... Chicago	51	45	49	53	58	64	69	74	70	64	60	47	40	58
Ind. .... Indianapolis	48	42	46	49	56	62	68	73	68	68	62	49	39	57
Iowa .... Des Moines	51	55	57	57	59	63	67	75	70	64	63	54	49	61
Kans. .... Wichita	30	61	64	66	66	68	75	82	79	73	69	66	57	69
Ky. .... Louisville	49	42	48	52	57	64	69	72	69	69	65	52	39	58
La. .... New Orleans	54	49	51	57	63	65	64	58	58	65	69	60	45	59
Maine .... Eastport	48	44	50	51	52	52	53	55	56	54	50	37	39	49
Mass. .... Boston	52	48	56	57	56	60	62	64	63	63	57	48	47	57
Mich. .... Detroit	45	35	41	47	51	58	64	68	65	61	53	36	29	51
Mich. .... Sault Ste. Marie	41	27	45	50	54	56	61	64	56	46	35	21	21	48
Minn. .... Minneapolis	30	50	53	57	58	61	65	74	69	59	52	41	40	57
Miss. .... Vicksburg	(1)	46	51	58	65	71	74	70	72	75	71	61	44	68
Mo. .... Kansas City	54	56	58	61	61	65	71	77	74	69	66	59	52	62
Mo. .... St. Louis	41	49	50	55	58	64	67	70	68	66	64	55	45	59
Mont. .... Helena	51	45	54	58	60	59	63	76	73	62	56	48	43	58
Mont. .... Miles City	19	51	60	58	62	67	69	80	76	69	60	53	52	63
Nebr. .... North Platte	37	64	65	65	63	65	74	80	76	72	71	65	59	68
Nebr. .... Omaha	44	56	60	59	61	64	70	77	70	66	65	56	51	68
Nev. .... Winnemucca	38	54	50	67	72	77	83	90	90	85	76	66	54	73
N. J. .... Atlantic City	48	51	57	57	59	63	66	65	65	64	57	51	60	60
N. Mex. .... Albuquerque	24	72	70	74	76	80	84	78	76	80	80	78	73	77
N. Y. .... Albany	48	41	51	53	54	58	61	63	62	53	53	39	38	53
N. Y. .... New York	48	53	60	62	63	64	66	67	66	68	66	58	55	60
N. C. .... Rochester	49	31	41	48	53	61	67	70	66	60	49	31	23	50
N. C. .... Asheville	40	49	52	55	59	61	61	57	56	60	64	59	48	57
N. Dak. .... Bismarck	49	51	59	55	58	58	62	72	68	62	58	50	48	58
Ohio .... Cleveland	49	29	36	45	52	61	67	71	67	62	52	32	24	50
Oklahoma .... Oklahoma City	47	57	60	63	64	66	74	78	78	74	67	63	59	67
Oreg. .... Portland	54	26	33	41	49	52	57	71	67	54	43	28	23	45
Pa. .... Harrisburg	46	43	52	54	57	62	64	67	62	62	58	47	42	57
Pittsburgh	45	32	38	46	50	50	58	64	66	63	62	55	41	30
S. C. .... Charleston	48	58	59	65	72	73	69	66	66	68	69	68	56	66
S. Dak. .... Huron	47	57	63	61	62	65	69	76	72	65	60	52	49	63
Tenn. .... Nashville	46	44	48	54	61	67	70	71	70	69	66	55	43	60
Tex. .... Amarillo	38	74	73	76	77	78	85	83	83	80	77	77	72	78
Tex. .... El Paso	37	73	76	81	86	87	87	78	77	78	82	77	72	80
Tex. .... Fort Worth	24	57	58	68	68	69	76	79	80	76	73	62	58	69
Tex. .... Houston	35	48	50	54	58	65	71	70	70	67	67	57	44	60
Utah .... Salt Lake City	54	45	49	57	66	69	78	79	77	76	69	59	46	64
Vt. .... Burlington	38	34	44	49	48	54	59	62	59	51	41	25	24	46
Va. .... Norfolk	45	50	57	60	63	66	64	65	65	63	65	60	50	61
Va. .... Richmond	42	49	55	58	62	67	65	66	62	64	65	58	49	60
Wash. .... Seattle	48	25	38	44	51	53	55	55	55	60	49	34	23	46
Wash. .... Spokane	46	26	40	54	64	64	69	82	79	67	53	29	22	58
W. Va. .... Parkersburg	45	30	36	42	49	55	57	63	59	59	51	36	28	47
Wis. .... Madison	40	43	48	51	52	57	63	70	64	57	51	40	35	53
Wyo. .... Cheyenne	47	67	66	65	62	60	69	70	68	69	68	66	66	64
Alaska .... Juneau	26	24	31	36	37	36	39	29	28	26	17	22	23	29
T. H. .... Honolulu	39	61	64	59	61	63	65	67	69	71	69	63	61	64
P. R. .... San Juan	41	64	69	69	65	59	61	64	67	62	64	63	64	64

<sup>1</sup> Based on records of 46 to 72 years.

## No. 176.—AVERAGE HOURLY WIND VELOCITY

[For period of record, including 1944. True velocities]

STATION	Length of rec- ord years													An- nual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala.---- Mobile-----	26	10.2	10.4	10.8	10.3	9.6	8.6	8.3	7.8	8.8	9.4	9.8	10.1	9.5
Ala.---- Montgomery-----	71	7.6	7.8	7.9	7.4	6.5	6.3	6.1	5.8	6.3	6.5	6.7	7.1	6.8
Ariz.---- Phoenix-----	49	5.2	5.7	6.2	6.5	6.4	6.3	6.3	5.8	5.6	5.4	5.1	5.0	5.8
Ark.---- Little Rock-----	64	8.2	8.8	9.4	8.8	7.5	6.5	6.1	5.8	6.0	6.5	7.5	7.9	7.4
Calif.---- Fresno-----	55	5.3	6.0	6.1	7.2	8.0	8.0	7.8	7.1	6.3	5.2	4.4	4.7	6.3
Calif.---- Los Angeles-----	67	6.2	6.5	6.5	6.4	6.2	6.0	5.8	5.7	5.7	5.7	5.9	6.2	6.1
Calif.---- San Francisco-----	55	7.5	7.8	8.6	9.7	10.6	11.2	11.5	10.9	9.4	7.9	7.0	7.3	9.1
Colo.---- Denver-----	71	7.6	7.7	8.2	8.4	7.8	7.4	6.9	6.7	6.7	7.0	7.3	7.2	7.4
D. C.---- Washington-----	72	7.9	8.5	8.9	8.5	7.2	6.5	6.1	6.0	6.0	6.7	7.5	7.4	7.3
Fla.---- Jacksonville-----	73	9.0	9.4	9.6	9.5	9.0	8.7	8.5	8.2	8.5	9.1	8.8	8.8	8.9
Fla.---- Miami-----	34	9.8	9.9	10.0	9.4	8.4	8.1	8.1	8.1	8.7	9.6	10.8	9.3	9.3
Ga.---- Atlanta-----	62	11.5	11.8	11.6	10.7	9.5	8.6	8.3	8.0	8.6	9.8	10.7	11.0	10.0
Idaho.---- Boise-----	43	5.7	6.1	6.8	7.0	6.8	6.2	5.9	5.5	5.5	5.3	5.5	5.4	6.0
Ill.---- Chicago-----	29	12.0	12.0	13.0	12.0	11.0	10.0	9.0	9.0	9.0	10.0	11.0	12.0	11.0
Ind.---- Indianapolis-----	48	11.4	11.5	11.9	11.5	10.4	9.4	8.7	8.3	9.1	9.8	11.6	11.6	10.4
Iowa.---- Des Moines-----	13	10.1	10.8	11.2	10.6	9.9	9.2	8.8	8.1	8.8	9.3	10.3	9.8	9.7
Kans.---- Wichita-----	31	11.8	12.5	14.2	13.9	12.4	12.0	11.1	10.8	11.8	11.8	12.2	11.5	12.2
Ky.---- Louisville-----	70	9.9	10.2	10.9	10.0	8.6	7.8	7.1	6.7	7.2	7.9	9.3	9.5	8.8
La.---- New Orleans-----	74	8.6	9.0	9.0	8.7	7.7	7.0	6.7	6.6	7.5	7.9	8.2	8.4	7.9
Maine.---- Eastport-----	47	12.8	12.4	12.2	11.6	9.9	8.9	8.1	8.1	8.9	10.7	11.9	12.5	10.7
Mass.---- Boston-----	62	12.4	12.7	12.9	12.1	11.2	10.7	10.3	9.9	10.5	11.2	12.0	12.2	11.5
Mich.---- Detroit-----	55	14.0	12.0	14.0	13.0	13.0	11.0	10.0	9.0	11.0	11.0	13.0	12.0	12.0
Mich.---- Sault Ste. Marie-----	44	8.7	8.8	9.5	8.8	7.4	6.9	6.8	7.6	8.6	9.7	9.2	8.5	
Minn.---- Minneapolis-----	53	11.3	11.5	12.3	12.6	11.9	10.5	9.7	9.7	11.0	11.6	11.5	11.1	11.2
Miss.---- Vicksburg-----	(1) 8.2	8.5	8.7	8.1	7.1	6.5	6.3	6.0	6.4	6.8	7.4	7.0	7.3	
Mo.---- Kansas City-----	13	10.0	11.0	12.0	12.0	10.0	9.0	8.0	9.0	9.0	11.0	10.0	10.0	
Mo.---- St. Louis-----	60	11.7	11.8	12.4	12.1	10.8	9.9	9.1	8.9	9.6	10.4	11.6	11.5	10.8
Mont.---- Helena-----	65	7.3	7.5	8.4	8.7	8.7	8.4	8.1	7.8	7.9	7.7	7.4	7.3	7.9
Mont.---- Miles City-----	50	5.6	5.6	6.7	7.6	7.5	6.5	5.9	5.4	5.6	5.7	5.6	5.5	6.1
Nebr.---- North Platte-----	69	8.8	8.7	9.9	10.7	10.0	9.3	8.5	8.1	8.7	8.9	8.6	8.0	8.7
Nebr.---- Omaha-----	69	9.4	9.9	10.4	10.5	9.5	8.5	7.7	7.6	8.3	8.8	9.3	9.1	9.1
Nev.---- Winnemucca-----	64	8.2	8.7	8.8	8.7	7.9	7.6	7.3	6.8	6.9	7.0	7.6	7.6	7.7
N. J.---- Atlantic City-----	23	16.0	15.8	16.8	16.6	14.7	13.8	13.3	13.3	13.7	14.6	15.5	15.2	14.9
N. Mex.---- Albuquerque-----	26	7.5	8.9	10.1	10.4	9.3	9.1	8.2	8.0	8.0	7.8	7.5	7.4	8.5
N. Y.---- Albany-----	6	10.2	11.7	11.6	10.8	9.3	8.8	7.4	7.1	7.8	8.8	9.8	10.0	9.4
N. Y.---- New York-----	32	16.9	16.8	16.9	16.1	13.9	13.2	12.3	12.1	12.9	14.6	16.2	16.4	14.9
N. C.---- Rochester-----	71	10.7	10.7	10.4	9.6	8.6	7.8	7.3	6.8	7.5	8.3	9.6	10.0	8.9
N. C.---- Asheville-----	40	9.5	9.9	10.2	9.4	7.3	6.9	5.5	5.4	5.8	7.0	8.6	9.1	7.8
N. C.---- Raleigh-----	58	7.7	8.2	8.9	8.4	7.2	6.5	6.2	6.0	6.3	6.9	7.3	7.5	7.2
N. Dak.---- Bismarck-----	69	8.9	9.3	10.3	11.3	10.8	10.2	9.1	9.0	9.6	9.7	9.3	8.9	9.7
Ohio.---- Cleveland-----	41	15.2	14.8	14.7	13.8	12.1	11.2	10.9	11.2	12.2	13.8	15.3	15.0	13.4
Oklahoma.---- Oklahoma City-----	54	11.5	12.4	13.5	13.4	11.8	10.8	9.5	9.1	10.0	10.5	11.3	11.3	11.3
Oreg.---- Portland-----	73	7.4	7.4	7.3	7.0	6.9	6.7	6.8	6.4	6.3	6.1	6.9	7.4	6.9
Pa.---- Harrisburg-----	56	7.8	8.5	8.7	8.3	6.9	5.7	5.3	5.6	6.3	7.2	7.4	7.0	
Pa.---- Pittsburgh-----	38	11.7	11.7	12.1	11.5	10.0	9.4	8.8	8.6	9.0	9.8	11.3	11.5	10.4
S. C.---- Charleston-----	48	10.4	11.0	11.5	11.8	10.7	10.1	9.5	9.3	10.3	10.8	10.0	10.3	10.4
S. Dak.---- Huron-----	63	10.7	10.9	11.8	12.9	11.9	10.8	9.8	9.3	10.8	10.9	10.6	10.2	10.9
Tenn.---- Nashville-----	34	10.1	10.5	11.0	10.6	9.0	8.0	7.4	7.1	7.6	8.3	9.4	9.9	9.1
Tex.---- Amarillo-----	52	11.5	12.2	13.3	13.7	12.7	12.4	10.8	10.4	11.5	11.6	11.2	10.9	11.9
Tex.---- El Paso-----	67	8.5	9.9	11.1	11.2	10.5	9.2	8.8	7.7	7.8	7.9	8.2	8.5	9.1
Tex.---- Fort Worth-----	43	10.3	10.8	11.6	11.6	10.7	10.3	9.5	9.2	9.1	9.3	9.8	9.8	10.2
Tex.---- Houston-----	33	10.4	10.8	11.5	11.5	10.4	9.4	8.5	8.3	8.8	9.5	10.4	10.3	10.0
Utah.---- Salt Lake City-----	34	6.6	7.1	8.0	8.5	8.6	8.4	8.1	7.8	8.0	7.4	6.6	6.8	7.6
Vt.---- Burlington-----	38	12.2	11.2	11.4	10.9	9.7	8.7	8.2	8.3	9.2	10.7	12.2	11.7	10.4
Va.---- Norfolk-----	32	12.6	12.6	13.5	12.7	11.4	10.6	10.1	10.0	10.4	11.2	11.8	12.0	11.6
Va.---- Richmond-----	47	8.2	8.4	9.1	8.7	7.3	6.6	6.4	6.2	6.2	6.9	7.5	7.5	7.4
Wash.---- Seattle-----	11	10.1	9.3	9.6	8.9	9.1	8.4	7.9	7.3	7.5	8.3	8.9	10.8	8.8
Wash.---- Spokane-----	63	6.1	6.3	7.3	7.4	7.3	7.2	6.7	6.0	6.1	5.9	6.1	6.3	6.5
W. Va.---- Parkersburg-----	54	7.4	7.7	7.9	7.5	6.0	5.5	5.2	5.0	5.1	5.7	6.8	6.9	6.4
Wis.---- Madison-----	66	9.9	10.4	11.0	11.0	9.6	8.1	7.5	7.5	8.7	9.6	10.8	10.3	9.5
Wyo.---- Cheyenne-----	72	13.8	13.2	13.3	12.3	11.1	10.0	8.9	8.6	9.4	10.6	12.0	12.9	11.3
Alaska.---- Juneau-----	26	7.4	7.7	7.2	6.4	6.2	5.7	5.3	5.0	5.9	7.2	7.9	8.0	6.7
T. H.---- Honolulu-----	21	9.6	8.9	9.6	10.2	10.0	9.7	10.1	9.9	9.1	8.6	9.0	9.4	9.5
P. R.---- San Juan-----	39	12.6	11.4	12.0	11.9	11.0	11.8	12.9	12.0	9.8	8.7	9.0	11.6	11.3

<sup>1</sup> Based on records of 46 to 72 years.

## No. 177.—AVERAGE RELATIVE HUMIDITY

[For period of record, including 1944]

STATION	Length of rec- ord years	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala..... Mobile.....	52	76	74	72	71	72	71	74	75	73	71	72	76	73	
	Montgomery.....	55	70	68	64	62	64	70	71	67	64	65	70	67	
Ariz..... Phoenix.....	49	48	46	39	31	25	22	35	41	38	38	43	50	38	
Ark..... Little Rock.....	56	69	66	62	65	65	66	66	66	66	65	66	70	66	
Calif..... Fresno.....	55	76	68	62	52	43	36	30	32	38	48	59	75	51	
	Los Angeles.....	56	57	61	61	65	68	69	67	67	64	61	51	54	
	San Fran- cisco.....	54	75	72	70	70	72	74	78	80	74	70	69	73	
Colo..... Denver.....	57	35	52	52	49	48	49	44	44	45	45	46	48	52	
D. C..... Washington.....	55	66	63	61	57	61	65	67	70	70	68	65	67	65	
Fla..... Jacksonville.....	54	74	72	69	67	69	72	74	75	77	75	74	75	73	
	Miami.....	34	74	72	70	69	71	74	73	74	76	75	71	74	
Ga..... Atlanta.....	55	72	69	64	61	62	64	69	71	67	65	66	72	67	
Idaho..... Boise.....	43	73	65	59	49	46	43	34	33	41	51	62	73	52	
Ill..... Chicago.....	26	75	73	69	66	65	67	66	69	69	67	70	75	69	
Ind..... Indianapolis.....	54	75	71	67	61	60	61	59	63	64	64	69	74	66	
Iowa..... Des Moines.....	50	79	77	72	65	65	68	66	70	72	70	73	78	71	
Kans..... Wichita.....	54	70	65	59	58	63	61	57	57	60	60	64	70	62	
Ky..... Louisville.....	52	72	69	65	61	61	62	61	64	65	64	67	70	65	
La..... New Orleans.....	56	75	73	71	70	69	70	74	74	72	70	72	75	72	
Maine..... Eastport.....	53	76	74	74	75	76	79	82	81	80	77	77	76	77	
Mass..... Boston.....	42	68	66	65	65	67	67	68	71	71	68	70	68	68	
Mich..... Detroit.....	47	81	79	74	68	66	66	62	64	69	71	76	81	71	
	Sault Ste. Marie.....	44	85	82	78	70	68	70	73	75	79	70	82	84	74
Minn..... Minneapolis.....	42	79	76	68	60	58	63	60	62	66	66	72	78	64	
Miss..... Vicksburg.....	(1)	74	70	68	70	72	74	78	79	76	73	72	74	73	
Mo..... Kansas City.....	56	70	68	62	61	62	63	59	61	63	61	64	70	64	
	St. Louis.....	45	71	69	65	62	63	60	63	66	63	66	71	65	
Mont..... Helena.....	57	68	66	58	53	52	50	45	44	51	57	64	68	56	
	Miles City.....	50	75	73	68	57	53	54	47	48	54	61	70	75	
Nebr..... North Platte.....	56	69	66	61	58	59	60	57	59	59	53	62	70	61	
	Omaha.....	53	73	70	63	59	59	61	59	62	63	60	66	73	
Nev..... Winnemucca.....	55	72	66	54	46	42	36	28	29	35	45	56	60	48	
N. J..... Atlantic City.....	57	74	73	73	72	77	77	78	78	76	73	72	73	75	
N. Mex..... Albuquerque.....	26	56	44	42	38	35	32	32	43	47	49	46	49	58	
N. Y..... Albany.....	57	74	74	69	63	62	65	65	68	72	71	72	75	69	
	New York.....	54	67	65	63	61	62	66	69	70	70	67	68	68	66
	Rochester.....	55	74	63	69	63	61	62	62	64	68	69	71	68	
N. C..... Asheville.....	40	71	68	65	61	63	68	72	75	72	68	66	70	68	
	Raleigh.....	57	73	71	69	66	68	72	76	78	74	71	74	72	
N. Dak..... Bismarck.....	56	76	75	69	59	57	61	57	56	60	63	72	76	66	
Ohio..... Cleveland.....	55	75	75	72	68	66	67	65	67	68	67	71	76	70	
Oklahoma..... Oklahoma City.....	54	69	65	59	60	66	64	59	59	63	63	65	69	63	
Oreg..... Portland.....	57	80	77	71	65	63	62	60	62	66	74	80	81	70	
Pa..... Harrisburg.....	56	68	65	62	56	58	63	63	65	66	66	64	65	67	
	Pittsburgh.....	54	73	72	68	63	61	64	63	65	66	67	70	74	
S. C..... Charleston.....	52	70	65	63	55	55	78	78	78	77	77	72	78	72	
S. Dak..... Huron.....	56	78	77	69	61	58	62	58	59	60	62	70	77	66	
Tenn..... Nashville.....	56	71	69	64	60	62	64	65	67	65	64	67	71	66	
Tex..... Amarillo.....	52	60	57	50	49	56	54	52	54	57	58	57	61	55	
	El Paso.....	55	44	38	30	25	25	28	24	45	44	42	43	48	
	Fort Worth.....	44	67	65	58	62	63	65	57	61	61	62	68	62	
	Houston.....	35	75	73	71	72	73	72	74	72	74	70	70	72	
Utah..... Salt Lake City.....	53	70	65	54	46	41	34	33	34	38	47	58	69	49	
Vt..... Burlington.....	38	80	81	77	72	70	73	75	77	81	79	79	81	77	
Va..... Norfolk.....	57	70	67	66	63	66	70	72	74	73	71	68	70	69	
	Richmond.....	47	72	67	64	61	64	67	70	72	72	69	67	71	
Wash..... Seattle.....	48	81	77	73	68	67	66	66	69	72	70	73	83	73	
	Spokane.....	54	82	75	62	52	49	47	38	40	50	62	78	83	
W. Va..... Parkersburg.....	54	74	73	67	61	62	66	66	69	69	69	70	74	68	
Wis..... Madison.....	40	82	79	73	65	63	67	64	67	70	70	76	82	72	
Wyo..... Cheyenne.....	56	56	58	57	57	55	61	58	48	50	51	51	55	53	
Alaska..... Juneau.....	26	77	73	70	69	70	70	78	82	81	81	77	76	75	
T. H..... Honolulu.....	19	70	70	68	67	67	66	66	67	67	68	69	71	68	
P. R..... San Juan.....	25	78	78	76	76	77	78	79	79	79	79	80	79	78	

<sup>1</sup> Based on records of 46 to 72 years.

## No. 178.—AVERAGE NUMBER OF DEGREE DAYS, 65° BASE

[Data adopted as "normals"]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An-	
Ala.---Mobilie	392	317	178	54	3	(1)	0	0	1	45	203	374	1,567	
Ala.---Montgomery	493	409	243	87	9	(1)	0	0	3	73	280	481	2,078	
Ariz.---Phoenix	404	261	152	47	7	(1)	0	0	0	19	168	388	1,446	
Ark.---Little Rock	700	584	370	148	30	1	0	(1)	10	121	383	659	3,006	
Calif.---Fresno	569	375	283	152	54	5	0	(1)	6	77	304	565	2,390	
Calif.---Los Angeles	276	232	209	158	104	27	1	(1)	5	43	110	251	1,390	
Calif.---San Francisco	464	340	314	269	252	196	198	180	122	140	242	426	3,143	
Colo.---Denver	1,026	900	702	523	271	62	9	8	124	415	721	1,012	5,863	
D. C.---Washington	929	842	637	345	104	14	0	0	43	254	558	870	4,508	
Fla.---Jacksonville	295	241	131	41	3	(1)	0	0	0	(1)	24	142	286	1,163
Fla.---Miami	54	44	31	8	(1)	0	0	0	0	(1)	15	40	187	
Ga.---Atlanta	662	568	389	173	32	2	(1)	(1)	12	180	393	640	3,001	
Idaho---Boise	1,065	840	680	441	248	87	9	17	135	390	713	1,025	5,650	
Ill.---Chicago	1,219	1,085	871	536	259	67	7	8	84	334	700	1,086	6,287	
Ind.---Indianapolis	1,104	982	751	414	155	22	2	4	63	290	663	1,026	5,487	
Iowa---Des Moines	1,326	1,143	849	449	165	27	2	6	99	357	768	1,006	5,391	
Kans.---Wichita	1,021	847	606	294	97	8	(1)	1	39	222	578	914	4,654	
Ky.---Louisville	931	824	595	302	92	7	(1)	1	34	218	550	875	4,429	
La.---New Orleans	310	251	180	32	1	(1)	0	0	(1)	23	147	305	2,101	
Maine---Eastport	1,353	1,242	1,090	778	532	300	159	148	274	528	831	1,219	8,454	
Mass.---Boston	1,101	1,027	852	538	248	66	8	16	98	338	651	1,000	5,943	
Mich.---Detroit	1,228	1,141	943	569	252	56	7	15	100	387	753	1,120	6,580	
Mich.---Sault Ste. Marie	1,573	1,478	1,303	829	485	214	90	111	281	614	965	1,378	9,316	
Minn.---Minneapolis	1,597	1,379	1,082	580	255	60	8	24	163	484	943	1,415	7,989	
Miss.---Vicksburg	498	413	239	85	9	(1)	0	0	5	77	267	479	2,072	
Mo.---Kansas City	1,083	921	657	327	106	11	(1)	2	50	242	590	986	4,984	
Mo.---St. Louis	999	865	616	305	88	7	(1)	1	36	218	558	917	4,610	
Mont.---Helena	1,337	1,155	682	643	409	184	44	66	288	601	940	1,245	7,894	
Mont.---Miles City	1,472	1,280	996	547	266	73	7	21	182	516	914	1,331	7,605	
Nebr.---North Platte	1,238	1,049	847	488	222	46	4	10	129	416	802	1,167	6,417	
Nebr.---Omaha	1,287	1,098	813	414	152	21	1	4	81	325	741	1,163	6,100	
Nev.---Winnemucca	1,126	887	763	539	320	109	11	23	190	502	803	1,099	6,372	
N. J.---Atlantic City	943	893	762	489	215	37	11	2	40	250	552	864	5,048	
N. Mex.---Albuquerque	959	712	591	331	96	5	0	0	28	264	658	916	4,506	
N. Y.---Albany	1,267	1,174	956	549	221	44	4	14	116	410	756	1,139	6,649	
N. Y.---New York	1,025	958	785	467	176	20	1	4	51	274	600	934	5,304	
N. C.---Rochester	1,218	1,164	978	604	283	70	10	25	130	420	752	1,111	6,755	
N. C.---Asheville	818	722	568	321	115	15	2	3	49	282	566	765	4,256	
N. C.---Raleigh	609	618	436	213	47	5	(1)	1	17	155	417	673	3,281	
N. Dak.---Bismarck	1,720	1,405	1,187	650	335	104	20	44	240	605	1,059	1,527	8,956	
Ohio.---Cleveland	1,141	1,074	892	558	256	66	8	14	92	354	688	1,040	6,172	
Okl.---Oklahoma City	850	696	459	205	56	3	0	(1)	22	186	461	791	3,609	
Oreg.---Portland	775	622	530	370	241	107	29	29	109	298	540	729	4,379	
Pa.---Harrisburg	1,070	970	770	427	150	22	1	6	66	315	638	985	5,429	
Pittsburgh	1,043	971	767	448	170	29	3	7	69	324	656	979	5,466	
S. C.---Charleston	450	386	286	245	84	7	1	0	0	1	48	227	4211	1,870
S. D.---Huron	1,585	1,367	1,044	579	204	67	9	21	174	507	969	1,415	7,999	
Tenn.---Nashville	785	681	476	222	54	2	0	(1)	19	170	470	741	3,620	
Tex.---Amarillo	856	723	543	287	104	12	1	2	41	220	551	850	4,190	
Tex.---El Paso	611	433	288	107	15	1	(1)	0	6	90	369	618	2,538	
Tex.---Fort Worth	552	470	260	100	16	1	0	0	5	76	288	549	2,356	
Tex.---Houston	350	255	154	38	2	0	0	0	(1)	27	162	331	1,323	
Utah.---Salt Lake City	1,084	868	709	450	233	62	4	5	95	377	712	1,040	5,639	
Vt.---Burlington	1,469	1,349	1,130	696	345	107	25	52	211	528	875	1,304	8,073	
Va.---Norfolk	709	654	493	257	55	5	0	(1)	9	132	397	664	3,385	
Va.---Richmond	812	727	545	281	74	9	(1)	1	27	199	491	775	3,944	
Wash.---Seattle	765	644	595	440	304	162	71	71	174	372	558	7084	8,864	
Wash.---Spokane	1,137	935	748	483	282	113	21	37	185	483	816	1,061	6,306	
W. Va.---Parkersburg	975	888	671	371	129	17	1	3	55	287	619	922	4,938	
Wis.---Madison	1,457	1,252	1,017	594	272	64	8	21	142	456	859	1,291	7,433	
Wyo.---Cheyenne	1,188	1,070	994	726	455	160	42	48	247	592	880	1,147	7,549	

<sup>1</sup> Less than 1° day.

Source: Department of Commerce, Weather Bureau; records.

## 7. Public Lands

### GENERAL NOTE

The term "public lands," as used here, includes only those Federally owned lands to which the general body of public land laws apply. (See title 43 of the Code of Federal Regulations.) In general, it includes the lands acquired by the United States through cession and treaty and certain other lands declared by Congress specifically to be "public lands," that is, subject to the public land laws. As a general rule, it excludes lands acquired by the United States from private owners and from State and local governments by purchase, donation, condemnation, etc. The term "Indian lands," used here to differentiate such lands from other public lands, refers to lands ceded to the United States by Indian tribes and held in trust for the Indians by the Government.

An entry or selection is a claim to a given tract of public land. An original entry or selection is a claim allowed under the law but subject to certain conditions before title can pass. A perfected entry is a claim finally approved after required lapse of time and compliance with other conditions. A patent or certification is an instrument of conveyance or grant to a claimant whose entry or selection has been finally approved.

For table on trend in land utilization, see p. 580.

### No. 179.—PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES: YEARS ENDED JUNE 30, 1931 TO 1945

[Offices are not maintained in States where only small areas of public lands remain undisposed of; entries in these States, if any, are made directly in the General Land Office (Washington, D. C.) and figures are grouped under that heading in the following table. See also general note above]

ITEM AND STATE	ORIGINAL ENTRIES						Perfected entries, 1945	Patented, 1945
	1931-35, total	1936-40, total	1941-45, total	1943	1944	1945		
Total.....	18,232,143	1,036,849	404,409	63,107	90,580	40,265	61,388	216,963
Public land.....	17,754,198	987,684	400,239	62,767	90,400	39,832	58,937	216,602
Indian land.....	477,945	49,165	4,169	340	180	434	2,401	361
All homesteads.....	15,743,383	708,410	162,736	29,299	19,868	22,694	37,398	42,123
Stock-raising homesteads.....	13,723,337	472,920	25,488	6,945	2,320	—	12,711	15,094
Other entries.....	2,488,760	328,439	241,678	33,808	70,712	17,572	28,900	174,840
Alabama.....	(1)							519
Alaska.....	40,118	59,034	60,695	10,975	13,747	14,522	3,403	2,516
Arizona.....	2,900,417	80,874	25,157	6,931	4,369	2,974	1,983	15,733
Arkansas.....	2 43,688	(1)						945
California.....	1,120,687	3 209,426	89,631	2,666	5,216	911	4,082	24,037
Colorado.....	1,436,974	107,578	10,209	2,024	222	2,240	6,808	16,950
Florida.....	2 9,565	(1)						126
Idaho.....	704,382	57,488	21,578	5,874	1,643	2,237	4,328	9,282
Louisiana.....	(1)							8,565
Minnesota.....	2 16,020	(1)						676
Montana.....	1,409,447	84,619	20,929	4,226	761	543	13,258	16,193
Nebraska.....	2 17,508	(1)						1,787
Nevada.....	105,123	2,831	7,851	1,018	3,681	887	961	5,245
New Mexico.....	4,676,786	176,942	33,435	4,152	2,157	2,203	6,384	22,774
North Dakota.....	82,333	1,860	876	189	—	181	337	297
Oklahoma.....	(1)							377
Oregon.....	630,098	53,878	5,136	2,412	502	523	1,238	6,698
South Dakota.....	252,454	7,735	550	124	20	21	442	3,355
Utah.....	675,153	27,061	99,689	19,599	56,416	7,921	3,085	47,214
Washington.....	83,154	3,323	760	450	44	191	1,282	1,781
Wyoming.....	3,930,670	138,074	0,830	652	706	3,531	7,682	24,021
General Land Office.....	97,596	26,086	12,088	1,815	1,096	1,380	6,105	8,861

<sup>1</sup> Office closed, see headnote.

<sup>2</sup> 1931 to 1933 only.

<sup>3</sup> Includes 150,749 acres acquired by the State of California for State park purposes under act of June 29, 1936.

Source: Department of the Interior, General Land Office; Annual Report of the Secretary and annual report of the Commissioner.

## No. 180.—LANDS IN FEDERAL OWNERSHIP—ACREAGE, BY STATES, TERRITORIES, AND POSSESSIONS: 1944

[The approximate date for the information in this table is June 30, 1944]

STATE OR OTHER AREA	LAND AREA (ACRES)					
	Total	Under Federal ownership				
		Total	Percent of total area	Dept. of Interior	Dept. of Agriculture	War and Navy Depts.
Grand total.....	2,277,240,960	620,712,163	36	577,815,752	186,860,499	55,172,244
Continental U. S. ....	1,905,361,920	455,183,251	24	267,712,832	165,879,871	20,680,951
Alabama.....	32,689,920	1,188,075	4	28,941	684,796	211,918
Arizona.....	72,234,200	53,363,273	73	37,234,990	11,527,143	4,588,027
Arkansas.....	33,744,000	2,849,702	8	245,162	2,366,704	231,706
California.....	100,355,920	46,484,371	46	25,346,446	19,430,628	1,684,670
Colorado.....	66,585,880	25,492,803	38	10,735,167	14,836,716	417,642
Connecticut.....	3,135,360	15,475	(1)		11,706	1,174
Delaware.....	1,265,920	22,398	2	13,811	5,072	3,419
Dist. of Col.....	39,040	9,369	24	6,583	395	839
Florida.....	34,727,680	2,340,558	7	171,305	1,374,710	781,841
Georgia.....	37,451,520	1,768,063	5	388,641	871,062	488,788
Idaho.....	52,997,120	33,730,114	64	13,458,185	20,189,139	80,628
Illinois.....	35,806,080	357,609	(1)		228,423	114,930
Indiana.....	23,171,200	297,509	1		100,185	192,747
Iowa.....	35,881,040	62,140	(1)		25,396	6,658
Kansas.....	52,552,320	289,155	(1)		39,623	102,398
Kentucky.....	25,669,760	906,993	4	101,209	468,674	254,218
Louisiana.....	28,913,280	1,045,955	4	230,026	587,224	225,645
Maine.....	19,865,600	140,024	(1)		51,602	69,060
Maryland.....	6,327,680	132,706	2	26,908	57,042	42,239
Massachusetts.....	5,060,480	25,544	(1)		274	1,651
Michigan.....	36,494,080	2,555,496	7	252,491	2,255,766	35,511
Minnesota.....	51,205,760	3,626,282	7	1,035,704	2,669,971	16,585
Mississippi.....	30,348,800	1,449,196	5	79,343	1,143,421	211,098
Missouri.....	44,332,800	1,457,206	3	42,981	1,271,475	140,220
Montana.....	93,642,240	32,066,241	35	14,142,650	18,370,516	442,443
Nebraska.....	49,057,920	717,135	1	238,136	357,244	119,908
Nevada.....	70,273,280	61,378,360	87	52,751,715	5,054,567	3,555,116
New Hampshire.....	5,775,360	668,819	12		664,372	4,100
New Jersey.....	4,814,080	65,808	1	2,964	44	57,511
New Mexico.....	77,767,040	34,211,071	44	22,877,763	9,628,274	1,681,879
New York.....	30,674,560	278,817	(1)		93,866	39,316
North Carolina.....	31,450,880	1,728,068	5	376,441	1,079,227	138,228
North Dakota.....	44,834,560	2,477,475	6	1,375,497	1,039,842	50,504
Ohio.....	26,318,080	187,373	(1)		288	114,178
Oklahoma.....	44,341,120	3,441,224	8	2,979,568	276,077	182,963
Oregon.....	61,664,000	32,781,306	53	18,539,204	14,630,612	170,436
Pennsylvania.....	28,828,800	588,041	2	36,490	489,603	52,234
Rhode Island.....	677,120	19,589	3		12,490	6,859
South Carolina.....	19,580,160	890,194	5	84,645	633,451	170,084
South Dakota.....	48,983,040	8,820,845	18	6,528,001	1,971,910	319,604
Tennessee.....	26,855,040	1,591,401	6	273,161	647,961	121,397
Texas.....	168,732,160	2,409,242	1	765,183	830,518	548,972
Utah.....	62,701,440	37,885,177	72	28,230,323	7,867,886	1,789,101
Vermont.....	5,937,920	175,893	3	52	169,080	6,546
Virginia.....	25,535,360	2,188,379	8	269,333	1,444,703	432,544
Washington.....	42,865,280	15,034,462	35	5,137,981	9,531,826	352,005
West Virginia.....	15,417,600	943,702	6		918,832	16,892
Wisconsin.....	35,017,600	2,085,802	6	558,940	1,476,739	50,278
Wyoming.....	62,403,840	32,055,721	51	22,933,062	9,100,695	4,845
Territories and possessions.....	371,879,040	365,528,912	98	310,108,120	20,880,628	34,491,293
Alaska.....	365,481,600	364,995,705	99	309,710,394	20,849,187	34,382,425
Hawaii.....	4,122,240	429,076	10	373,384		55,559
Puerto Rico.....	2,190,720	94,049	4	11,100	31,441	51,473
Virgin Islands.....	84,480	10,082	12	8,242		35
						1,836

(1) Less than 1 percent.

Source: 78th Cong. 2d. sess., House of Representatives, Report No. 1884. (Printed 1944.)

## PUBLIC LANDS

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No. 181.—PUBLIC LAND—TIMBER-AND-STONE, COAL, MINERAL, AND DESERT-LAND ENTRIES—ACREAGE, BY STATES, TO JUNE 30, 1945

STATE	FROM PASSAGE OF ACT <sup>1</sup> TO JUNE 30, 1945				YEAR ENDING JUNE 30, 1945			
	Timber and stone perfected	Coal <sup>2</sup> perfected	Desert land		Timber and stone perfected	Min- eral other than coal perfected	Desert land	
			Original	Perfected			Original	Perfected
Acreage of entries.....	18,856,906	604,443	32,845,104	9,992,916	40	8,095	1,281	2,334
Alabama.....	43,935	239	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—
Arizona.....	3,103	6,693	2,595,016	469,541	—	1,782	681	240
Arkansas.....	365,653	—	—	—	40	868	—	—
California.....	2,899,214	5,535	5,203,470	1,078,312	—	1,311	159	360
Colorado.....	402,207	216,009	3,227,744	1,010,812	—	520	—	—
Dakota Territory.....	—	584	20,021	300	—	—	—	—
Florida.....	109,214	—	—	—	—	—	—	—
Idaho.....	1,017,472	3,277	3,121,668	1,126,261	—	143	360	587
Iowa.....	119	—	—	—	—	—	—	—
Louisiana.....	150,277	—	—	—	—	—	—	—
Michigan.....	140,667	—	—	—	—	—	—	—
Minnesota.....	1,409,215	—	—	—	—	—	—	—
Mississippi.....	19,978	—	—	—	—	—	—	—
Montana.....	664,204	64,758	5,983,126	3,050,541	—	283	—	480
Nebraska.....	97	—	—	—	—	—	—	—
Nevada.....	6,542	1,661	655,637	175,755	—	343	40	40
New Mexico.....	153	26,613	2,160,699	280,305	—	221	—	—
North Dakota.....	8,646	9,624	85,278	20,254	—	—	—	—
Oklahoma.....	40	—	—	—	—	—	—	—
Oregon.....	3,817,897	10,572	1,120,632	356,358	—	—	—	627
South Dakota.....	63,910	3,624	609,290	180,759	—	185	—	—
Utah.....	3,236	75,824	1,513,859	493,421	—	334	—	—
Washington.....	2,174,530	64,894	998,578	186,831	—	41	—	—
Wisconsin.....	80,362	—	—	—	—	—	—	—
Wyoming.....	458,142	113,924	5,549,186	1,613,466	—	115	41	—
General Land Office.....	9,003	8	—	—	—	—	—	—
Number of entries.....	108,035	4,417	160,064	54,657	1	87	13	22
Money payment, dollars.....	35,615,244	11,922,602	7,904,815	9,692,033	699	28,733	320	2,334

<sup>1</sup> Dates of passage of original acts: Timber and stone, June 3, 1878; coal, Mar. 3, 1873; desert land, Mar. 3, 1877.

<sup>2</sup> Since 1920, coal land available only for lease.

<sup>3</sup> Includes 58,496 acres within Ute Reservation.

No. 182.—PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: YEARS ENDED JUNE 30, 1944 AND 1945

CLASS	1944			1945		
	Original entries	Perfected entries	Patented entries	Original entries	Perfected entries	Patented entries
Total.....	90,580	84,855	401,724	40,265	61,358	216,963
Homesteads.....	19,868	53,719	65,277	22,694	37,398	42,123
Stockraising.....	2,320	27,085	38,803	—	12,711	15,094
Enlarged.....	786	1,096	1,704	2,163	2,622	2,800
Reclamation.....	1,517	16,613	16,023	2,134	12,715	16,459
Forest.....	306	135	110	179	198	531
Commutued.....	—	1,321	40	—	1,065	387
Sec. 2289, original act, et al.....	14,939	7,469	8,597	18,219	8,087	6,872
Deserts.....	4,246	2,731	3,638	1,281	2,334	3,962
Public auction.....	—	11,031	10,808	—	18,058	9,454
Timber and stone.....	100	100	240	—	40	99
State selection.....	58,359	7,882	—	9,802	—	1,72,227
Mineral.....	7,965	—	7,487	6,488	6,095	5,814
Exchange.....	—	—	195,598	—	—	72,390
Miscellaneous.....	42	9,392	21,669	1	2,432	10,896

<sup>1</sup> Includes certificates: 1944, 20,088 acres; 1945, 47,963 acres. Does not include patented school sections under act of June 21, 1934: 1944, 569,575 acres; 1945, 407,833 acres.

Source of tables 181 and 182: Department of the Interior, General Land Office; Annual Report of the Secretary and annual report of the Commissioner.

## No. 183.—PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE FOR UNITED STATES, 1868 TO 1945, AND BY STATES, 1921 TO 1945, FOR YEARS ENDED JUNE 30

[See general note, p. 159]

ITEM AND STATE	ALL HOMESTEADS							
	1921-1925, total	1926-1930, total	1931-1935, total	1936-1940, total	1941-1945, total	1943	1944	1945
Original entries, total	35,079,617	18,380,143	15,266,771	659,350	158,587	28,959	19,688	22,280
Alabama	84,139	1,9,770	(2)					
Alaska	51,012	33,549	38,659	58,718	55,659	8,761	11,244	14,152
Arizona	1,452,551	1,727,157	1,124,034	39,010	8,199	2,233	1,225	—
Arkansas	215,172	126,002	43,298	(2)				
California	2,201,327	1,608,383	909,626	29,127	2,391	300	462	620
Colorado	4,365,182	1,528,449	1,028,298	58,501	7,633	1,714	160	1,977
Florida	168,090	86,306	4,564	(2)				
Idaho	1,842,656	927,604	604,481	56,757	16,020	3,759	912	1,284
Kansas	46,016	(2)						
Louisiana	14,746	1,5,732	(2)					
Michigan	21,804	(2)						
Minnesota	47,147	43,410	4,947	(2)				
Mississippi	22,758	(2)						
Montana	4,528,483	1,806,547	1,384,188	84,102	17,871	2,400	334	440
Nebraska	122,985	63,187	4,17,468	(2)				
Nevada	231,532	214,769	97,670	1,832	1,812	361	707	—
New Mexico	6,765,794	3,623,038	4,387,620	94,337	13,817	3,388	1,499	1,303
North Dakota	128,417	67,256	79,152	1,860	875	188	—	181
Oklahoma	80,546	1,25,871	(2)					
Oregon	2,118,064	727,010	561,227	50,963	3,373	883	503	523
South Dakota	1,177,594	276,295	220,963	7,995				
Utah	1,466,411	1,260,056	609,755	26,811	12,650	2,760	1,280	157
Washington	238,671	70,088	67,354	2,783	320	320	—	
Wisconsin	10,071	(2)						
Wyoming	7,634,649	4,064,145	3,894,074	125,425	2,694	437	366	243
General Land Office <sup>1</sup>	820	34,063	94,395	20,570	11,453	1,455	990	1,380
Original entries, stock-raising homesteads (incl. above)	26,200,485	14,828,804	13,312,779	443,968	47,748	6,945	2,320	22,280

PERFECTED HOMESTEAD ENTRIES, ENTIRE UNITED STATES<sup>2</sup>

PERIOD OR YEAR <sup>3</sup>	All home- steads	YEAR	All home- steads	YEAR	All home- steads	YEAR	All home- steads	Stock- raising
1868-1870	1,370,116	1900	3,477,842	1916	7,278,281	1932	1,200,804	963,115
1871-1875	6,215,783	1901	5,241,121	1917	8,497,390	1933	900,578	715,017
1876-1880	11,670,439	1902	4,342,748	1918	8,236,438	1934	1,123,673	916,945
1881-1885	12,630,327	1903	5,576,964	1919	6,524,700	1935	1,640,393	1,416,623
1886-1890	16,330,272	1904	3,232,717	1920	8,372,695	1936	1,764,958	1,503,502
1891-1895	16,602,473	1905	3,410,337	1921	7,726,740	1937	1,914,806	1,683,119
1896-1900	15,275,647	1906	3,526,749	1922	7,307,034	1938	1,361,943	1,174,702
1901-1905	19,812,937	1907	3,740,505	1923	5,594,259	1939	1,088,038	966,413
1906-1910	10,005,358	1908	4,242,711	1924	4,791,438	1940	652,484	567,926
1911-1915	35,407,053	1909	3,699,467	1925	4,048,910	1941	389,070	330,431
1916-1920	38,900,505	1910	3,795,863	1926	3,451,105	1942	187,507	138,089
1921-1925	29,468,370	1911	4,620,197	1927	2,583,027	1943	101,529	70,848
1926-1930	10,922,304	1912	4,306,068	1928	1,815,549	1944	50,506	26,685
1931-1935	6,288,399	1913	10,009,285	1929	1,700,056	1945	34,692	12,711
1936-1940	6,783,129	1914	9,291,121	1930	1,371,073	Total, 1868- 1945	247,410,985	32,712,176
1941-1945	764,204	1915	7,180,982	1931	1,352,861	1945		

<sup>1</sup> 1926 and 1927 only.<sup>2</sup> See headnote, table 170.<sup>3</sup> Includes entries of abandoned military reservations.<sup>1</sup> 1931 to 1933.<sup>2</sup> Commuted homesteads are not included.<sup>3</sup> For periods figures are totals, not averages.

Source: Department of the Interior, General Land Office; Annual Report of the Secretary and annual report of the Commissioner.

No. 184.—LAND GRANTS (INCLUDING SCRIP) TO STATES FOR EDUCATIONAL AND OTHER PURPOSES—ACREAGE, BY STATES AND FOR ALASKA, TO JUNE 30, 1945

[Excludes data for grants to States for railroads, desert land reclamation, wagon roads, river improvements, and canals; includes Carey Act grants]

STATE	Total	Common schools	Universities, agricultural colleges, and other educational	Miscellaneous institutions	Internal improvements	Swamp	All other
Total	189,411,807	88,582,429	17,038,883	13,998,274	9,500,000	64,889,016	5,483,194
Alabama	2,261,029	911,627	383,785	181	500,000	440,775	24,660
Alaska	21,447,459	21,009,209	438,250	-----	-----	-----	-----
Arizona	10,543,673	8,093,156	849,117	500,000	-----	7,686,535	56,680
Arkansas	9,373,073	933,778	196,080	-----	500,000	2,192,457	399,568
California	8,822,398	5,534,293	196,080	-----	500,000	-----	-----
Colorado	4,433,898	3,685,618	138,040	32,000	500,000	-----	78,240
Connecticut	180,000	-----	180,000	-----	-----	-----	-----
Delaware	90,000	-----	90,000	-----	-----	-----	-----
Florida	21,986,810	975,307	182,160	-----	500,000	20,324,223	5,120
Georgia	270,000	-----	270,000	-----	-----	-----	-----
Idaho	3,639,555	2,963,698	386,686	1 250,000	-----	-----	39,171
Illinois	3,606,033	996,320	526,080	-----	500,000	1,460,044	123,589
Indiana	2,889,489	668,578	436,080	-----	500,000	1,259,231	25,600
Iowa	3,032,975	1,000,679	280,080	-----	500,000	1,196,393	49,824
Kansas	3,618,339	2,907,520	151,270	127	500,000	-----	59,423
Kentucky	354,606	-----	330,000	24,600	-----	-----	-----
Louisiana	11,053,532	807,271	256,292	-----	500,000	9,480,969	-----
Maine	210,000	-----	210,000	-----	-----	-----	-----
Maryland	210,000	-----	210,000	-----	-----	-----	-----
Massachusetts	360,000	-----	360,000	-----	-----	-----	-----
Michigan	7,537,497	1,021,867	286,080	-----	500,000	5,680,270	49,280
Minnesota	8,374,432	2,874,051	212,160	-----	500,000	4,706,441	80,880
Mississippi	5,021,559	824,213	348,240	-----	500,000	3,347,853	1,253
Missouri	5,578,074	1,221,813	376,080	-----	500,000	3,432,441	48,640
Montana	5,871,058	5,198,258	388,721	100,000	-----	-----	184,079
Nebraska	3,458,711	2,730,951	136,080	32,000	500,000	-----	59,680
Nevada	2,723,647	2,061,967	136,080	12,800	500,000	-----	12,800
New Hampshire	150,000	-----	150,000	-----	-----	-----	-----
New Jersey	210,000	-----	210,000	-----	-----	-----	-----
New Mexico	12,789,016	8,711,324	1,346,546	750,000	-----	-----	1,982,046
New York	990,000	-----	990,000	-----	-----	-----	-----
North Carolina	270,000	-----	270,000	-----	-----	-----	-----
North Dakota	3,163,552	2,495,396	336,080	1 250,000	-----	-----	82,076
Ohio	1,973,934	724,266	699,120	-----	500,000	26,332	24,216
Oklahoma	3,095,760	1,375,000	1,050,000	1 070,760	-----	-----	-----
Oregon	4,375,515	3,399,360	136,165	-----	500,000	286,108	53,882
Pennsylvania	780,000	-----	780,000	-----	-----	-----	-----
Rhode Island	120,000	-----	120,000	-----	-----	-----	-----
South Carolina	180,000	-----	180,000	-----	-----	-----	-----
South Dakota	3,435,373	2,733,084	366,080	1 250,640	-----	-----	85,569
Tennessee	300,000	-----	300,000	-----	-----	-----	-----
Texas	180,000	-----	180,000	-----	-----	-----	-----
Utah	7,464,497	5,844,196	556,141	500,160	-----	-----	564,000
Vermont	150,000	-----	150,000	-----	-----	-----	-----
Virginia	300,000	-----	300,000	-----	-----	-----	-----
Washington	8,044,471	2,376,391	336,080	1 200,000	-----	-----	132,000
West Virginia	150,000	-----	150,000	-----	-----	-----	-----
Wisconsin	5,200,533	982,329	332,160	-----	500,000	3,359,944	26,400
Wyoming	4,139,209	3,470,009	136,080	1 420,000	-----	-----	113,120

<sup>1</sup> Includes acreage of grants for "educational and charitable" purposes as follows: Idaho, 150,000; North Dakota, 170,000; South Dakota, 170,000; Washington, 200,000. Includes also 669,000 acres granted to Oklahoma for "charitable, penal, and public building" purposes, and 290,000 acres granted to Wyoming for "charitable, educational, penal, etc." purposes.

No. 185.—RECEIPTS UNDER MINERAL LEASING ACT OF FEB. 25, 1920: 1920 TO 1945, AND MINERAL LEASES IN FORCE AS OF JUNE 30, 1945

[All money figures in thousands of dollars. Receipts under all mineral leasing acts amounted to \$11,018,997 in 1945, including those shown in this table]

STATE	RECEIPTS						LEASES IN FORCE JUNE 30, 1945	
	Total	1920-1941, total	1942	1943	1944	1945	Number	Acres
Total.....	162,314	127,248	8,916	7,176	10,914	10,060	7,335	4,652,908
Alaska.....	1	204	(1)	(1)	(1)	(1)	68	133,826
Alabama.....	209	204	4	(1)	(1)	(1)	2	840
Arizona.....	20	7	3	2	4	4	15	7,616
Arkansas.....	2				(1)	(1)	6	3,376
California.....	53,080	42,302	1,985	2,547	3,081	3,164	1,265	378,881
Colorado.....	2,864	1,755	179	239	291	400	445	379,155
Florida.....							1	40
Idaho.....	44	41	1	(1)	1	1	2	250
Kansas.....	101	6	7	7	6	74	45	30,503
Louisiana.....	682	593	23	22	22	21	55	8,265
Michigan.....	6	(1)	(1)	2	1	3	7	4,951
Mississippi.....	1	(1)	(1)				7	720
Montana.....	4,609	2,737	223	197	906	456	641	288,872
Nebraska.....	1	(1)	(1)	(1)	(1)	(1)	3	520
Nevada.....	48	11		3	19	15	311	72,037
New Mexico.....	11,629	5,426	1,494	1,429	1,614	1,667	1,685	1,374,187
North Dakota.....	599	416	54	49	33	47	44	12,908
Oklahoma.....	23	5	2	2	4	10	78	20,290
Oregon.....	4	(1)	(1)	(1)	(1)	3	5	5,596
South Dakota.....	60	15	12	12	15	7	62	59,410
Utah.....	2,932	1,652	252	335	350	343	229	180,592
Washington.....	80	70	2	4	2	2	3	1,440
Wyoming.....	85,321	72,005	2,675	2,325	4,474	3,841	2,856	1,688,620

<sup>1</sup> Less than \$500.

Source: Department of the Interior, General Land Office; annual report of the Commissioner.

No. 186.—PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING—NUMBER AND ACREAGE, BY CLASS: JUNE 30, 1945

CLASS	Num- ber	Acres	CLASS	Num- ber	Acres
<b>MINERAL</b>					
Grand total.....	7,537	4,778,691	Leases, total.....	11,528	12,928,749
Leases, total.....	7,335	4,652,908	Aviation.....	43	28,776
Oil and gas.....	6,969	4,521,486	Bathing beach.....	1	33
Coal.....	331	76,190	Boy Scout camp.....	1	80
Potash.....	20	47,292	Fur Farm, Alaska.....	19	138,810
Sodium.....	4	1,629	Grazing, Taylor Act.....	10,584	11,310,316
Phosphate.....	9	5,911	Grazing, Alaska.....	9	1,168,984
Silica sand.....	2	400	Grazing, Oreg. and Calif.....	212	263,044
Permits, total.....	114	122,398	Mineral or medicinal spring.....	1	40
Coal.....	79	66,635	Recreational.....	17	20,004
Sodium.....	34	53,224	Small tract.....	626	3,091
Potash.....	1	2,559	Water well.....	15	600
Licenses, total.....	88	3,985			
Coal.....	88	3,985			

Source: Department of the Interior, General Land Office; Annual Report of the Secretary and annual report of the Commissioner.

No. 187.—PUBLIC LANDS, UNAPPROPRIATED AND UNRESERVED—ACREAGE, BY STATES: JUNE 30, 1900 TO 1945

NOTE.—Public lands outside Alaska were withdrawn from all disposition with certain exceptions by Executive orders issued in 1934 and 1935, in furtherance of the Taylor Grazing Act and for conservation and development of natural resources. Figures exclude unappropriated and unreserved public lands in Alaska estimated at 230,000,000 acres on June 30, 1945.

STATE	1900	1910	1920	1930	1940	1944	1945
Total	1,557,643,120	343,971,674	200,320,128	178,979,446	179,825,935	168,236,447	170,200,766
Alabama	350,250	108,210	37,200	(3)	15,640	26,823	26,179
Arizona	50,286,986	41,491,369	18,268,909	15,180,880	13,869,348	11,282,780	11,280,095
Arkansas	3,493,444	51,705	276,595	190,969	129,962	135,388	135,364
California	42,467,512	24,864,884	19,585,801	16,623,488	16,968,775	15,987,950	16,062,192
Colorado	39,650,247	21,726,192	8,941,185	8,027,468	7,937,490	8,197,671	8,206,613
Florida	1,506,411	453,009	120,077	18,897	13,775	22,003	27,499
Idaho	43,286,694	24,743,804	8,805,112	10,617,970	11,879,452	12,762,096	12,747,814
Kansas	1,196,900	137,180	4,346	(3)	2,890	2,890	2,944
Louisiana	442,224	88,911	14,240	(3)	5,716	5,716	5,716
Michigan	430,483	107,890	73,523	(3)	15,810	15,942	15,942
Minnesota	4,696,203	1,563,302	256,297	189,845	238,188	238,229	92,095
Mississippi	285,804	47,058	33,360	(3)	12,887	12,887	12,887
Missouri	337,946	2,510	18	(3)	432	432	374
Montana	67,963,057	86,015,943	5,973,741	6,601,677	6,459,860	6,960,100	6,958,556
Nebraska	9,798,688	1,879,486	66,844	22,628	28,698	28,713	28,861
Nevada	61,277,506	56,474,688	54,267,175	51,454,493	51,143,840	45,160,051	45,083,009
New Mexico	56,541,170	36,454,692	18,448,878	15,664,121	15,695,468	14,740,828	14,745,622
North Dakota	18,725,239	1,410,225	81,044	146,605	107,683	111,758	100,668
Oklahoma	5,732,572	5,007	7,404	(3)	23,157	23,122	24,242
Oregon	34,377,907	17,580,573	14,006,757	13,069,136	12,774,184	13,273,737	13,211,173
South Dakota	11,930,809	4,562,804	288,472	439,880	270,087	317,052	315,369
Utah	42,967,451	35,955,554	29,991,715	23,881,445	25,733,585	21,661,289	23,907,494
Washington	11,125,883	3,196,059	1,086,686	920,584	577,419	602,865	557,398
Wisconsin	313,565	14,460	5,154	(3)	6,160	6,115	6,115
Wyoming	48,358,169	34,575,159	19,679,595	15,929,460	15,906,529	16,650,110	16,643,355

<sup>1</sup> Exclusive of the Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by the Indians in the Indian Territory west of the ninety-sixth degree of longitude.

<sup>2</sup> Includes acreage of public lands within grazing districts, subject to grazing use, as follows: 1940 131,926,135; 1944, 130,669,351; 1945, 132,628,435.

<sup>3</sup> Data not tabulated. See headnote, table 179.

Source: Department of the Interior, General Land Office; records and annual report of the Commissioner.

No. 188.—NATIONAL PARK SYSTEM—ACREAGE AND NUMBER OF VISITORS: 1945

TYPE OF AREA	Number	Net acreage June 30, 1945	VISITORS <sup>1</sup>	
			Fiscal year ended June 30, 1945	1941-45 (5-year average) <sup>2</sup>
All areas, total	186	22,201,880	38,546,318	11,581,823
National parks	27	11,000,699	2,757,945	4,607,833
National historical parks	4	8,156	364,276	592,619
National monuments	84	9,285,680	1,950,544	2,217,565
National military parks	11	23,983	502,742	977,380
National historic sites	10	8,176	243,449	106,322
National battlefield sites	7	248	57,618	70,164
National battlefield parks	1	684	17,524	(2)
National memorials	9	2,005	2,035,965	2,133,007
National cemeteries	11	975	4,16,771	4,29,238
National capital parks	1	27,790	(0)	(0)
National parkways	3	55,019	277,018	370,544
National recreational area	1	1,680,133	298,524	442,328
National projects <sup>3</sup>	17	48,331	23,640	34,823

<sup>1</sup> Figures are approximate. Data incomplete because not available or maintained for many of the areas.

<sup>2</sup> In some cases averages for individual areas were for less than 5 years.

<sup>3</sup> Includes 2,250,755 military visitors.

<sup>4</sup> Included in most cases, in travel figures for adjacent battlefield site, military park, or historical park.

<sup>5</sup> Includes Chopawamsic Area, Virginia, and Chesapeake & Ohio Canal, Maryland.

<sup>6</sup> Travel included under memorials.

<sup>7</sup> Includes Saratoga National Historical Park which is administered by Service pending final establishment.

Source: Department of the Interior, National Park Service; Annual Report of the Secretary.

## No. 189.—VISITORS TO NATIONAL PARK SERVICE AREAS: 1916 TO 1945

[No record of visitors to National Monuments available for years prior to 1919]

YEAR ENDED SEPT. 30	Number	YEAR ENDED SEPT. 30	Number	YEAR ENDED SEPT. 30	Number
1916	358,097	1926	2,314,955	1936	11,980,703
1917	488,268	1927	2,797,840	1937	15,133,432
1918	461,661	1928	3,024,544	1938	16,233,688
1919	809,702	1929	3,248,204	1939	15,454,337
1920	1,164,976	1930	3,246,656	1940	16,741,855
1921	1,171,797	1931	3,619,905	1941	21,050,426
1922	1,218,497	1932	3,754,598	1942	10,620,265
1923	1,463,712	1933	3,490,540	1943 (June 30)	8,228,220
1924	1,670,908	1934	6,337,206	1944 (June 30)	7,460,185
1925	2,054,922	1935	7,076,490	1945 (June 30)	8,546,316

Source: Department of the Interior, National Park Service; Annual Report of the Secretary, and records.

No. 190.—LANDS UNDER JURISDICTION OF OFFICE OF INDIAN AFFAIRS—  
ACREAGE, BY STATES: 1881 TO 1944

[Taxable lands included in years prior to 1944. Figures for 1944 are for nontaxable lands only.]

STATE	1881	1900	1911	1933	1944			
					Total	Trust allotted	Tribal	Government owned
Acres, total	155,832,312	78,372,186	71,646,796	52,651,933	66,576,626	17,473,868	87,233,499	1,869,259
Arizona	3,092,720	15,160,757	17,358,746	18,057,984	19,423,454	263,836	10,134,952	24,666
Arkansas				80	15			
California	415,841	406,306	437,629	625,354	674,370	100,415	450,180	18,775
Colorado	12,467,200	483,760	550,861	443,751	730,273	35,751	693,948	574
Florida		23,062	23,542	125,880	80,028		80,028	
Idaho	2,748,981	1,364,500	770,706	803,239	864,532	454,820	373,060	36,652
Iowa	692	2,965	3,251	3,381	3,371	40	3,253	78
Kansas	137,747	29,279	273,408	34,821	36,423	33,710	1,697	1,016
Michigan	66,332	8,317	153,910	20,233	26,341	18,349	6,970	4,022
Minnesota	5,026,447	1,565,707	1,480,647	549,320	861,332	170,972	657,802	32,558
Mississippi				3,863	15,322		15,114	208
Montana	20,356,800	9,500,700	6,263,151	6,055,009	6,502,866	5,168,372	1,214,027	120,467
Nebraska	436,252	74,592	344,375	69,280	74,571	60,712	18,706	153
Nevada	885,015	984,136	696,749	866,176	1,141,170	86,984	1,050,071	4,115
New Mexico	7,228,731	1,367,485	4,520,652	6,188,964	6,657,738	1,002,300	4,881,616	778,822
New York	86,366	87,677	87,677	57,705	86,008	30	85,978	
North Carolina	65,211	98,211	63,211	57,705	55,784		55,399	385
North Dakota	(1)	3,701,724	2,785,162	1,034,123	1,090,308	1,003,843	76,503	9,962
Oklahoma	41,100,915	28,397,237	22,736,473	2,919,886	2,957,097	2,801,572	131,811	23,714
Oregon	8,553,800	1,300,225	1,719,561	1,718,510	1,735,141	396,415	1,330,910	7,816
Pennsylvania					640		640	
South Dakota	30,616,448	8,991,791	7,221,030	6,544,424	5,775,976	4,430,625	1,201,874	143,477
Texas					4,351	1,280		3,071
Utah	2,039,040	2,039,040	291,101	1,571,020	2,524,754	102,648	1,807,550	614,656
Washington	7,070,348	2,333,674	2,948,708	2,712,915	2,722,605	959,759	1,756,057	6,789
Wisconsin	586,020	381,061	500,094	395,919	451,531	146,211	264,031	41,289
Wyoming	2,342,400	1,810,000	2,318,543	2,249,576	2,080,625	139,309	1,040,322	994

<sup>1</sup> Dakota Territory.<sup>2</sup> Excludes ceded lands amounting to 1,472,000 acres. All other years included ceded land.

Source: Department of the Interior, Office of Indian Affairs; Statistical Supplement to Annual Report of Commissioner of Indian Affairs.

## 8. Labor Force

(Including employment, hours, and earnings)

### GENERAL NOTE

The various series of labor statistics covered in this section may be classified as of one of two types and these types differ somewhat in concept and purpose. One type of labor statistics is obtained by the "population approach," and includes data from the Census of Population and the Monthly Report on the Labor Force of the Bureau of the Census. These surveys involve an enumeration of individual persons and obtain information on employment activity from workers or members of their households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period. The population approach permits a direct enumeration not only of employed persons but also of unemployed workers, the self-employed, domestic servants, service trade workers, and others who are not found on the pay rolls of any establishment.

The second type of labor statistics is obtained by the "establishment approach," and includes data from the monthly series of the Bureau of Agricultural Economics of the Department of Agriculture and of the Bureau of Labor Statistics. These data are similar to those provided by the Census of Manufactures and other industrial censuses in that they are based on reports from employers, i. e., farms, businesses, or industrial establishments. In adding together reports of different employers the establishment approach counts twice or more any worker who works for two or more employers during a given pay-roll period, but permits a better analysis of such data as wages, hours, labor turn-over, and industry affiliation which can be more accurately obtained from employers' records than by inquiries directed to a worker or a member of his household. Because the coverage of all employees of an establishment in a single report provides information on a large number of workers in a specific industry, the establishment approach is particularly adapted to the measurement of short-term changes in employment for many important industries. However, the methods usually used in the collection of statistics from establishments do not provide for adequate representation of new establishments coming into business and thus may yield estimates of employment that are subject to a cumulative bias which becomes more serious in the measurement of long term changes. It has been the practice to correct for this bias by periodic adjustment to "benchmark" data from industrial censuses, tabulations of employer reports obtained in connection with Social Security programs, and other sources.

The labor force as now commonly defined in surveys utilizing the population approach includes persons 14 years old and over who had a job or were seeking one during a specified week. (For detailed definitions of various work status classes, see footnotes to table 191.) Population censuses earlier than 1940 used instead a concept of "gainful workers." This differed from the labor force concept in that it included all persons 10 years old and over who reported a gainful occupation, regardless of whether or not they were working or seeking work at the time of the census, and excluded in general new job seekers without previous experience in a gainful occupation.<sup>1</sup> The Decennial Census of Population provides detailed data for the United States as a whole and for

<sup>1</sup> See Estimates of Labor Force, Employment, and Unemployment in the United States, 1940 and 1930, Sixteenth Census of Population. Table 192 in the Abstract presents 1940 and 1930 data adjusted insofar as possible to a comparable basis.

each State, city, and other area, including personal characteristics (sex, age, color, etc.) of the labor force, the numbers employed and unemployed, the number reporting themselves in each occupation and in each industry, and other items. The data presented from the Monthly Report on the Labor Force include national totals, by sex and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industry, the number employed in agriculture, the number unemployed, and the number of nonworkers. Data on hours of work are also provided. The report is based on a monthly enumeration of approximately 25,000 households throughout the United States.

The establishment-type series are available for both agricultural and nonagricultural employment. Agricultural employment estimates have been issued since 1909 by the Department of Agriculture. These estimates are obtained by means of monthly mail returns from crop reporters.

The monthly estimates of employment in nonagricultural establishments prepared by the Bureau of Labor Statistics are based on voluntary reports from about 110,000 establishments in 154 manufacturing industries and in selected nonmanufacturing industries, supplemented by data from other government agencies and adjusted at intervals to data from tabulations of reports under Social Security programs. These estimates exclude proprietors of unincorporated businesses, self-employed persons, domestic servants, and unpaid family workers, most of whom cannot be easily covered by the establishment approach. Persons in the armed forces are also excluded. The estimates are available in considerable detail, especially for manufacturing industries. They are paralleled in most instances by estimates of wage-earners separate from salaried employees, and for the former group there are estimates of wages, hours, and weekly and hourly earnings. The industry classifications are generally based on the major prewar activity of each employer, and have not been changed to reflect wartime conversion.

For government and certain other segments of employment, the employment reports of the Bureau of Labor Statistics are supplemented by data from the Interstate Commerce Commission, the Maritime Commission, the Civil Service Commission, the Bureau of the Census, and other agencies.

Labor turn-over estimates are published monthly by the Bureau of Labor Statistics for 76 industries in 20 major divisions in manufacturing, and for selected nonmanufacturing industries, on the basis of voluntary reports from 9,000 firms. There are a number of significant differences between the turn-over data and the Bureau of Labor Statistics employment and pay-roll reports. The turn-over data now relate to all employees whereas the employment and pay-roll estimates for detailed industry groups refer generally to wage earners only. The turn-over series are based on data covering the entire month rather than the pay-roll period ending nearest the middle of the month. Further, in the turn-over series the establishments are now classified according to current industry, while the prewar industrial classification has been maintained in the employment and pay-rolls statistics.

Statistical data on strikes and lockouts cannot be collected in the same fashion as other labor information since strikes and lockouts are sporadic and cannot be covered by a routine periodic reporting service. The basic measures in strike statistics as now compiled by the Bureau of Labor Statistics are the number of strikes, the number of persons on strike, and the number of man-days of idleness involved. Questionnaires are sent to all parties concerned in each strike (employers, unions, and any interested outside agent, such as a conciliator) to obtain detailed and authentic information. From the data given on the schedules, the Bureau prepares annual reports (published in the May Monthly Labor Review and later in bulletin form), which give not only the complete and verified total figures for each month of the year but also analyses on strikes by industry, State, city, and by causes, results, labor organizations involved, and other pertinent classifications.

## EMPLOYMENT STATUS

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## No. 191.—EMPLOYMENT STATUS OF PERSONS IN THE LABOR FORCE, BY AGE AND SEX: 1940

[For adjusted figures for 1940 comparable to the estimated number of persons in the labor force in 1930, see table 192]

AGE (YEARS) AND SEX	Population	IN LABOR FORCE					
		Total		Employed (except on public emergency work) <sup>1</sup>	On public emergency work <sup>2</sup>	Seeking work <sup>3</sup>	
		Number	Percent of pop- ulation			Experi- enced workers	New workers
Total, 14 and over	101,102,924	52,789,499	52.2	45,166,083	2,529,606	4,328,489	767,341
14 and 15	4,828,249	249,521	5.2	209,347	2,122	15,769	22,283
16 and 17	4,892,170	1,029,291	21.0	662,967	77,186	116,445	172,693
18 and 19	5,018,834	2,645,289	52.7	1,808,321	218,337	325,857	292,774
20 to 24	11,587,835	7,670,549	66.2	6,254,352	378,481	816,457	221,259
25 to 34	21,339,026	13,576,571	63.6	12,000,678	526,193	1,008,785	40,915
35 to 44	18,333,220	11,143,700	60.8	9,893,917	503,431	737,433	8,910
45 to 54	15,512,071	8,995,585	58.0	7,849,689	472,039	688,431	5,426
55 to 59	5,843,865	3,150,860	53.9	2,689,425	177,223	282,521	1,681
60 to 64	4,728,340	2,227,759	47.1	1,897,182	126,662	203,101	814
65 to 74	6,376,189	1,849,604	29.0	1,660,909	46,018	142,199	478
75 and over	2,643,125	250,750	9.5	239,296	1,914	9,471	99
Male, 14 and over	50,553,748	39,944,240	79.0	34,027,905	2,072,094	3,381,881	462,380
14 and 15	2,440,453	195,919	8.0	168,578	1,320	11,016	15,005
16 and 17	2,462,443	715,027	20.0	476,912	51,938	77,000	109,177
18 and 19	2,495,373	1,635,798	65.6	1,103,086	156,626	205,840	170,246
20 to 24	5,092,392	5,011,457	88.0	3,995,452	292,705	583,674	139,626
25 to 34	10,520,974	10,015,331	95.2	8,757,658	453,574	781,432	22,667
35 to 44	9,164,794	8,678,280	94.7	7,669,666	417,777	588,124	2,713
45 to 54	7,962,019	7,329,310	92.1	6,367,782	396,497	563,435	1,590
55 to 59	3,011,364	2,642,813	87.8	2,242,863	150,046	249,205	609
60 to 64	2,397,816	1,891,096	78.9	1,598,931	109,123	182,671	371
65 to 74	3,167,055	1,608,211	50.8	1,456,206	40,920	130,789	287
75 and over	1,239,065	220,998	17.8	210,771	1,559	8,005	63
Female, 14 and over	50,549,176	12,845,259	25.4	11,138,178	457,512	944,588	304,981
14 and 15	2,387,796	53,602	2.2	40,769	802	4,753	7,278
16 and 17	2,429,727	314,264	12.9	186,055	25,248	39,445	63,516
18 and 19	2,523,461	1,009,491	40.0	705,235	61,711	120,017	122,528
20 to 24	5,895,443	2,659,092	45.1	2,258,900	85,776	232,783	81,633
25 to 34	10,818,052	3,561,240	32.9	3,248,020	72,619	227,353	18,248
35 to 44	9,168,428	2,465,420	26.9	2,224,251	85,654	149,309	6,206
45 to 54	7,550,052	1,666,275	22.1	1,481,907	75,542	104,996	3,830
55 to 59	2,832,501	503,037	17.9	446,562	27,177	33,226	1,072
60 to 64	2,330,524	336,663	14.4	298,251	17,539	20,430	443
65 to 74	3,209,134	241,393	7.5	224,703	5,089	11,410	191
75 and over	1,404,060	29,752	2.1	28,525	355	866	36

<sup>1</sup> Includes (a) persons at work—persons who worked for pay or profit at any time during the week of Mar. 24–30, 1940, in private work or nonemergency Federal, State, or local government work, or assisted without pay on a family farm or in a family business; and (b) persons with a job but not at work—persons not actually at work and not seeking work during the week of Mar. 24–30, 1940, but with jobs, businesses, or professional enterprises from which they were temporarily absent because of vacation, illness, industrial dispute, bad weather, or lay-off not exceeding 4 weeks with definite instructions to return to work on a specific date. The category Employed (except on public emergency work) includes not only employees but also proprietors, farmers, other self-employed persons, and unpaid family workers.

<sup>2</sup> Includes persons who, during the week of Mar. 24–30, 1940, were at work on, or assigned to, public emergency work projects conducted by the Work Projects Administration (WPA), the National Youth Administration (NYA), the Civilian Conservation Corps (CCC), or State or local work relief agencies. In the interpretation of the data for persons on public emergency work allowance must be made for the misclassification in the census returns of considerable numbers of public emergency workers. The number of persons reported in the census as on public emergency work in the United States was 2,529,606, whereas the number recorded on the pay rolls of the Federal emergency work agencies at about the time of the census was 2,906,196 excluding the NYA Student Work Program, and 3,377,978 including that program. The most common type of misclassification was the reporting of the emergency workers as *At work*. Persons on the NYA Student Work Program were very frequently returned as in school and not in the labor force. There is also evidence that a considerable number of emergency workers were classified as *Seeking work*.

<sup>3</sup> Includes persons without work of any sort in the week of Mar. 24–30, 1940, who were actively seeking work during that week. This category is composed of both experienced and new workers, the latter being persons who had not previously worked full time for 1 month or more.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III.

**No. 192.—ESTIMATED NUMBER OF PERSONS IN THE LABOR FORCE, 1930, AND ADJUSTED NUMBER IN THE LABOR FORCE, 1940, BY EMPLOYMENT STATUS, BY AGE AND SEX**

[Figures in thousands. Figures for 1930 in this table are estimates according to the 1940 employment status classification. An allowance was made in each age group for persons whose age was not reported in the 1930 census. Figures for 1940 in this table show revised data adjusted to take account of the misclassification of public emergency workers in the census returns (see note 2, table 191) and of persons whose employment status was not reported in the census. Since the revised and estimated data in this table are not available by occupation, industry, class of worker, race, or other characteristics, for more detailed age groups, or for areas other than the United States as a whole, it is necessary to use unrevised figures for the labor force in 1940 and for gainful workers in 1930 and earlier years, as shown in tables 191, 193-195, 189-208.]

AGE AND SEX	1930			1940			Unemployed <sup>1</sup>			
	Total in labor force	Em- ployed	Unemployed (seeking work)		Total in labor force <sup>1</sup>	Em- ployed	Total	On pub- lic emer- gency work <sup>1</sup>	Seeking work	
			Total	Ex- peri- enced work- ers				Experi- enced work- ers	New work- ers	
Total, 14 and over.....	47,404	44,953	2,451	2,238	213,63,299	45,338	7,961	3,042	4,132	787
Male, 14 and over.....	37,008	34,997	2,011	1,885	126,40,284	34,090	6,185	2,498	3,215	472
14 to 19.....	2,795	2,575	220	115	105	2,619	1,752	867	318	246
20 to 24.....	4,747	4,409	338	317	21	5,056	3,961	1,074	391	542
25 to 44.....	17,498	16,652	846	846	18,817	16,456	2,361	1,017	1,310	25
45 to 64.....	10,173	9,645	528	528	11,954	10,256	1,698	726	969	3
65 and over.....	1,796	1,716	79	79	—	1,859	1,674	185	46	139
Female, 14 and over.....	10,398	9,956	440	383	87,18,015	11,289	1,776	544	917	315
14 to 19.....	1,591	1,445	146	71	75	1,395	961	434	71	161
20 to 24.....	2,316	2,222	94	82	12	2,688	2,263	425	124	218
25 to 44.....	4,404	4,264	140	140	—	6,107	5,516	592	195	372
45 to 64.....	1,842	1,786	56	56	—	2,550	2,243	307	148	154
65 and over.....	243	239	4	4	—	275	257	18	6	12

<sup>1</sup> Excludes persons on the NYA Student Work Program.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Estimates of Labor Force, Employment, and Unemployment in the United States, 1940 and 1930.

**No. 193.—CLASS OF WORKER OF PERSONS IN THE EXPERIENCED LABOR FORCE (EXCEPT ON PUBLIC EMERGENCY WORK), BY EMPLOYMENT STATUS AND SEX: 1940**

[For definitions of employment status categories, see footnotes on table 191]

EMPLOYMENT STATUS AND SEX	Total	Private wage or salary workers	Govern- ment workers	Employers and own- account workers	Unpaid family workers
<b>EXPERIENCED LABOR FORCE (EXCEPT ON PUBLIC EMERGENCY WORK)</b>					
Male.....	37,409,786	24,520,590	2,834,213	9,017,522	1,037,461
Female.....	12,082,766	9,317,952	1,373,321	963,310	428,183
<b>EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)</b>					
Male.....	34,027,905	21,656,890	2,533,554	8,818,829	1,018,623
Female.....	11,138,178	8,463,793	1,311,013	938,907	424,465
<b>SEEKING WORK, EXPERIENCED</b>					
Male.....	8,381,881	2,863,691	300,659	198,693	18,838
Female.....	944,588	854,159	62,308	24,403	3,718

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III, Part I.

## GAINFUL WORKERS

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No. 194.—GAINFUL WORKERS 14 YEARS OLD AND OVER, BY AGE AND SEX:  
1900 TO 1930

[For estimates of persons in the labor force in 1930, and for adjusted labor force figures for 1940, see table 192]

YEAR AND AGE (YEARS)	POPULATION			GAINFUL WORKERS <sup>1</sup>			Percent of popula- tion		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
							Total	Male	Female
<b>1900</b>									
Total, 14 and over.	51,438,154	26,413,739	25,024,415	28,282,610	23,168,149	5,114,461	55.0	87.7	20.4
14 and 15.	3,101,582	1,562,726	1,538,856	959,555	678,724	280,831	30.9	43.4	18.2
16 to 20.	7,554,555	3,716,714	3,837,851	4,093,392	2,855,428	1,237,967	54.2	76.8	32.3
21 to 44.	27,100,949	13,986,576	18,114,373	16,129,607	13,387,755	2,741,832	59.5	95.7	20.9
21 to 24.	5,803,522	2,888,931	2,914,591	3,587,704	2,689,226	898,478	61.8	93.1	30.8
25 to 44.	21,297,427	11,097,645	10,199,782	15,541,903	10,698,529	1,843,374	58.9	96.4	18.1
25 to 34.	12,085,480	6,224,864	5,860,616	7,162,189	5,993,847	1,168,342	59.3	96.3	19.9
35 to 44.	9,211,947	4,872,781	4,339,166	5,379,714	4,704,652	675,032	58.4	96.6	15.6
45 and over.	13,480,474	7,020,239	6,460,174	7,006,013	6,170,296	836,117	52.0	87.9	12.8
45 to 64.	10,399,976	5,464,882	4,935,094	5,803,970	5,106,440	697,530	55.8	93.4	14.1
45 to 54.	6,397,441	3,402,458	2,994,983	3,691,084	3,250,259	440,825	57.7	95.5	14.7
55 to 64.	4,002,535	2,062,424	1,940,111	2,112,886	1,856,181	256,705	52.8	90.0	13.2
65 and over.	3,080,498	1,555,418	1,525,080	1,202,443	1,063,856	138,587	39.0	68.4	9.1
Age unknown.	200,684	127,428	73,161	93,643	75,949	17,604	46.7	59.6	24.2
<b>1910</b>									
Total, 14 and over.	64,321,258	33,381,779	30,959,473	37,271,380	29,482,634	7,788,828	57.9	88.4	25.2
14 and 15.	3,568,347	1,708,449	1,770,898	1,094,249	744,109	350,140	30.7	41.4	19.8
16 to 20.	9,197,000	4,564,179	4,632,821	5,463,223	3,615,623	1,847,600	59.4	79.2	39.9
21 to 44. <sup>2</sup>	34,181,292	17,849,849	16,331,421	21,565,178	17,262,200	4,302,969	63.1	96.7	26.3
45 and over.	17,373,613	9,149,308	8,224,305	9,148,710	7,860,593	1,288,117	52.7	85.9	15.7
<b>1920</b>									
Total, 14 and over.	74,144,443	37,953,960	38,190,483	41,238,185	32,806,478	8,429,707	55.6	88.4	23.3
14 and 15.	3,907,710	1,958,978	1,948,734	682,705	455,939	226,806	17.5	23.3	11.6
16 and 17.	3,828,131	1,902,867	1,925,264	1,712,648	1,103,456	609,192	44.7	58.0	31.6
18 and 19.	3,740,980	1,845,246	1,895,734	2,246,203	1,443,968	802,235	60.0	78.3	42.3
20 to 24.	9,277,021	4,527,045	4,749,797	5,930,467	4,121,392	1,809,075	63.9	91.0	38.1
25 to 44.	31,278,522	16,028,920	15,499,697	15,579,586	13,417,373	3,677,707	60.7	97.2	22.4
45 and over.	21,963,380	11,598,031	10,365,349	11,594,391	10,045,012	1,549,379	52.8	86.6	14.9
45 to 64.	17,030,165	9,114,960	7,015,205	9,904,654	8,552,175	1,352,470	53.2	93.8	17.1
65 and over.	4,933,215	2,483,071	2,450,144	1,689,737	1,492,837	196,900	34.3	60.1	8.0
Age unknown.	148,699	92,875	55,824	72,722	57,075	15,047	48.9	61.5	28.0
<b>1930</b>									
Total, 14 and over.	39,100,555	45,087,507	44,018,048	48,594,592	37,915,644	10,679,048	54.5	84.1	24.3
14 and 15.	4,678,084	2,361,134	2,316,950	431,790	293,482	133,308	9.2	12.6	5.8
16 and 17.	4,663,137	2,339,070	2,324,067	1,478,481	964,494	514,347	31.7	41.2	22.1
18 and 19.	4,593,270	2,264,107	2,329,172	2,542,213	1,599,768	942,445	55.3	70.7	40.5
20 to 24.	10,870,375	5,336,813	5,553,553	7,147,053	4,793,605	2,347,948	65.7	89.9	42.4
25 to 44.	36,152,869	18,238,285	17,914,584	22,334,544	17,776,868	4,546,676	61.7	97.5	25.4
25 to 34.	18,954,029	9,421,966	9,532,063	11,823,004	9,168,666	2,654,338	62.4	97.3	27.8
35 to 44.	17,198,810	8,816,319	8,382,521	10,500,540	8,608,202	1,892,338	61.1	97.6	22.6
45 and over.	28,048,786	14,496,280	13,552,506	14,626,720	12,445,398	2,181,322	52.1	85.9	16.1
45 to 54.	21,414,981	11,171,069	10,243,912	12,421,753	10,506,649	1,915,104	58.0	94.1	18.7
55 to 64.	13,018,083	6,803,569	6,214,514	7,831,161	6,565,135	1,266,026	60.2	96.5	20.4
65 to 74.	8,396,898	4,367,500	4,029,398	4,690,592	3,941,514	649,078	54.7	90.2	16.1
75 and over.	6,633,805	3,325,211	3,308,594	2,042,967	1,938,749	266,218	33.2	58.3	8.0
65 to 74.	4,720,609	2,409,450	2,311,150	1,869,944	1,643,133	226,811	39.6	68.2	9.8
75 and over.	1,913,196	915,752	997,444	335,023	295,616	39,407	17.5	32.3	4.0
Age unknown.	94,022	51,816	42,206	44,431	31,029	13,402	47.3	59.9	31.8

<sup>1</sup> Figures for 1900 to 1930 represent gainful workers, that is, persons reported as having a gainful occupation in which they earned money or a money equivalent, or in which they assisted in the production of marketable goods, regardless of whether they were working or seeking work at the time of the census. Figures are, therefore, not strictly comparable with those in the labor force for 1940, shown in table 191 and in following tables.

<sup>2</sup> Including data for age unknown.

## LABOR FORCE

No. 195.—EMPLOYMENT STATUS OF THE POPULATION 14 YEARS OLD AND OVER,  
BY RACE AND SEX: 1940

EMPLOYMENT STATUS	All classes	White	Negro	Other races	PERCENT DISTRIBUTION			
					All classes	White	Negro	Other races
TOTAL Population (all ages) -----	131,669,275	118,214,870	12,865,518	588,887	-----	-----	-----	-----
Persons 14 years old and over -----	101,102,924	91,428,165	9,250,444	415,815	100.0	100.0	100.0	100.0
In labor force -----	52,789,499	47,169,389	5,389,191	230,919	52.2	51.6	58.2	55.6
Employed (except public emergency work) -----	45,166,083	40,495,089	4,470,068	191,926	44.7	44.3	48.4	46.2
At work -----	44,045,137	39,465,085	4,405,794	186,258	43.6	43.2	47.6	44.8
With a job but not at work -----	1,120,946	1,040,004	76,274	5,668	1.1	1.1	.8	1.4
On public emergency work (WPA, etc.) -----	2,529,006	2,193,688	319,241	16,677	2.5	2.4	3.4	4.0
Seeking work -----	5,093,810	4,480,612	590,882	22,316	5.0	4.9	6.4	5.4
Experienced workers -----	4,326,469	3,780,251	525,909	20,309	4.3	4.1	5.7	4.9
New workers -----	767,341	700,361	64,078	2,007	.8	.7	.5	.5
Not in labor force -----	48,313,425	44,258,776	3,870,253	184,986	47.8	48.4	41.8	44.4
Engaged in own home house-work -----	28,931,869	26,824,351	2,024,215	88,303	28.6	29.3	21.9	20.1
In school -----	9,013,342	8,211,090	747,717	54,536	8.9	9.0	8.1	13.1
Unable to work -----	5,268,727	4,646,994	602,381	19,952	5.2	5.1	6.5	4.8
In institutions <sup>1</sup> -----	1,176,903	1,008,050	163,045	5,885	1.2	1.1	1.8	1.4
Other and not reported -----	3,922,404	3,568,851	332,896	20,747	3.9	3.9	3.6	5.0
MALE Population (all ages) -----	66,061,592	59,448,548	6,269,038	344,006	-----	-----	-----	-----
Persons 14 years old and over -----	50,553,748	45,823,031	4,474,211	256,506	100.0	100.0	100.0	100.0
In labor force -----	39,944,240	36,167,566	3,582,005	194,669	79.0	78.9	80.1	75.9
Employed (except public emergency work) -----	34,027,905	30,931,506	2,936,793	159,604	67.3	67.5	65.6	62.2
At work -----	33,222,418	30,174,461	2,893,204	154,753	65.7	65.8	64.7	60.3
With a job but not at work -----	805,487	757,045	43,501	4,851	1.6	1.7	1.0	1.9
On public emergency work (WPA, etc.) -----	2,072,094	1,797,999	259,073	15,022	4.1	3.9	5.8	5.9
Seeking work -----	3,844,241	3,488,061	386,137	20,043	7.6	7.5	8.6	7.8
Experienced workers -----	3,381,881	3,015,988	347,388	18,525	6.7	6.6	7.8	7.2
New workers -----	462,360	422,093	38,749	1,518	.9	.9	.9	.6
Not in labor force -----	10,609,508	9,655,465	892,206	61,837	21.0	21.1	19.9	24.1
Engaged in own home house-work -----	267,125	244,968	21,260	898	.5	.5	.5	.4
In school -----	4,593,630	4,220,287	343,372	29,971	9.1	9.2	7.7	11.7
Unable to work -----	2,966,225	2,603,033	259,950	13,242	5.9	5.9	5.8	5.2
In institutions <sup>1</sup> -----	767,474	637,570	125,195	4,709	1.5	1.4	2.8	1.8
Other and not reported -----	2,010,054	1,889,617	142,420	13,017	4.0	4.1	3.2	5.1
FEMALE Population (all ages) -----	65,607,683	58,766,322	6,598,480	244,881	-----	-----	-----	-----
Persons 14 years old and over -----	50,549,176	45,805,184	4,785,233	158,809	100.0	100.0	100.0	100.0
In labor force -----	12,845,259	11,001,823	1,807,186	36,250	25.4	24.1	37.8	22.8
Employed (except public emergency work) -----	11,138,178	9,503,583	1,542,273	32,822	22.0	21.0	32.2	20.4
At work -----	10,822,719	9,280,624	1,510,590	31,505	21.4	20.3	31.6	19.8
With a job but not at work -----	315,459	282,950	31,683	817	.6	.6	.7	.5
On public emergency work (WPA, etc.) -----	457,612	395,689	60,168	1,655	.9	.9	1.3	1.0
Seeking work -----	1,240,559	1,042,551	204,745	2,273	2.5	2.3	4.3	1.4
Experienced workers -----	944,588	764,283	178,521	1,784	1.9	1.7	3.7	1.1
New workers -----	304,981	278,268	26,224	489	.6	.6	.5	.3
Not in labor force -----	37,703,917	34,603,311	2,978,047	122,559	74.6	75.9	62.2	77.2
Engaged in own home house-work -----	28,664,744	26,579,393	2,002,946	82,405	56.7	58.3	41.9	51.9
In school -----	4,419,712	3,990,803	404,344	24,565	8.7	8.8	8.4	15.5
Unable to work -----	2,302,502	1,953,361	342,481	6,710	4.6	4.3	7.2	4.2
In institutions -----	409,519	370,520	37,850	1,149	.8	.8	.8	.7
Other and not reported -----	1,907,440	1,709,234	190,476	7,730	3.8	3.7	4.0	4.9

<sup>1</sup> Inmates of penal and mental institutions and homes for the aged, infirm, and needy.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

## No. 196.—ESTIMATED CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT: QUARTERLY AVERAGE, 1940 TO 1945

[Millions of persons 14 years of age and over. Data excludes institutional population. Figures subject to revision]

YEAR AND QUARTER	LABOR FORCE			EMPLOYMENT						UNEMPLOYMENT			NON-WORKERS	
	Total	Male	Female	Nonagricultural			Agricultural			Total	Male	Female	Male	Female
				Total	Male	Female	Total	Male	Female					
1940:														
2d.....	54.3	40.9	13.4	36.7	26.4	10.2	9.9	8.8	1.2	7.7	5.6	2.0	8.7	36.8
3d.....	55.6	41.9	13.7	37.8	27.6	10.2	10.3	9.0	1.3	7.5	5.3	2.2	7.7	36.7
4th.....	63.2	40.4	12.8	38.2	27.6	10.5	8.6	8.0	.6	6.5	4.8	1.6	9.1	37.8
1941:														
1st.....	52.2	39.8	12.3	38.2	27.7	10.5	7.6	7.3	.3	6.4	4.8	1.5	9.5	38.4
2d.....	54.4	40.8	13.6	39.6	28.8	10.9	9.2	8.1	1.2	5.5	3.9	1.5	8.2	37.3
3d.....	56.0	41.6	14.4	41.7	30.2	11.4	9.6	8.1	1.5	4.8	3.3	1.5	7.2	36.6
4th.....	53.9	39.9	13.9	42.2	30.3	12.0	8.2	7.3	1.0	3.4	2.4	1.0	8.9	37.2
1942:														
1st.....	53.2	39.8	13.4	42.1	30.2	11.9	7.5	7.1	.5	3.6	2.6	1.0	8.7	37.9
2d.....	54.8	40.1	14.7	43.0	30.7	12.3	9.2	7.7	1.5	2.5	1.7	.9	7.5	36.8
3d.....	55.8	40.3	15.5	44.4	31.2	13.1	9.5	7.8	1.7	2.0	1.3	.7	6.5	36.1
4th.....	54.1	38.2	15.9	44.3	30.3	14.1	8.3	7.1	1.2	1.5	.9	.6	7.2	35.9
1943:														
1st.....	52.5	36.4	16.1	44.1	29.3	14.9	7.2	6.5	.7	1.3	.7	.5	7.5	35.8
2d.....	53.8	36.4	17.4	43.9	28.6	15.3	8.9	7.2	1.7	1.0	.6	.5	6.4	34.5
3d.....	55.1	36.7	18.5	44.6	28.7	15.8	9.5	7.4	2.1	1.1	.6	.5	5.5	33.6
4th.....	52.5	35.1	17.5	44.0	28.1	15.9	7.6	6.5	1.2	.9	.5	.4	6.6	34.7
1944:														
1st.....	51.3	34.6	16.8	43.6	27.8	15.8	6.7	6.2	.6	1.0	.6	.4	6.8	35.5
2d.....	53.0	35.1	17.9	43.6	27.6	16.0	8.6	7.1	1.5	.9	.4	.4	5.7	34.5
3d.....	54.0	35.4	18.7	44.2	27.8	16.3	9.0	7.1	1.9	.9	.4	.4	5.1	33.8
4th.....	52.1	34.1	18.1	43.5	27.3	16.2	8.0	6.4	1.6	.7	.4	.3	6.3	34.6
1945:														
1st.....	51.4	33.7	17.7	43.6	27.2	16.4	6.9	6.0	.9	.9	.5	.4	6.6	35.1
2d.....	52.4	34.0	18.4	43.3	26.9	16.4	8.2	6.6	1.6	.9	.5	.4	6.1	34.5
3d.....	54.1	34.8	18.3	43.8	27.3	16.5	9.2	6.9	2.3	1.1	.6	.5	5.5	33.7
4th.....	53.2	35.3	17.9	43.4	27.8	15.6	8.1	6.3	1.8	1.7	1.2	.5	7.9	35.3

SAMPLING NOTE: In the fall of 1945, the sample used for the Monthly Report on the Labor Force consisted of approximately 25,000 households living in 125 counties and independent cities grouped in 68 areas and located in 42 States and the District of Columbia. The chances are about 2 in 3 that relative errors of the estimated totals presented from the labor force survey are less than the following:

SEX	Civilian labor force			Not in the labor force
	Total	Employed	Unem- ployed	
Both sexes.....	1.3		1.3	8.0
Male.....	1.7		1.7	11.2
Female.....	2.3		2.4	13.8

The relative errors presented represent the differences to be expected between totals estimated from the sample and those that would have been obtained by a complete census following the same procedures. The sampling errors themselves are subject to variation in different time periods, and particularly as the magnitudes being estimated change in level.

Source: Department of Commerce, Bureau of the Census; based on figures published in the Monthly Report on the Labor Force.

## No. 197.—ESTIMATED CIVILIAN LABOR FORCE AND EMPLOYMENT, BY AGE AND SEX: QUARTERLY AVERAGE, 1941 TO 1945

[Millions of persons 14 years of age and over. Figures subject to revision]

YEAR AND QUARTER	Total all ages	14-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 and over	Median age
<b>LABOR FORCE, BOTH SEXES</b>									
1941—4th.....	53.85	4.63	7.14	12.95	11.68	9.41	5.71	2.33	36.9
1942—1st.....	53.23	4.31	7.02	12.73	11.65	9.58	5.59	2.35	37.2
3d.....	55.83	7.00	6.40	12.84	11.77	9.76	6.14	2.42	36.8
1943—1st.....	52.54	4.95	5.28	11.72	11.71	10.08	6.18	2.62	38.7
3d.....	55.13	7.31	4.99	11.22	12.08	10.27	6.56	2.70	38.3
1944—1st.....	51.32	4.36	4.89	10.62	12.24	10.84	6.33	2.54	39.7
2d.....	53.04	5.49	4.73	10.44	12.54	10.56	6.50	2.78	39.7
3d.....	54.03	6.37	4.03	10.27	12.59	10.64	6.64	2.89	39.6
4th.....	52.11	4.64	4.59	10.23	12.50	10.60	6.68	2.87	40.3
1945—1st.....	53.35	4.42	4.62	10.07	12.25	10.58	6.64	2.77	40.4
2d.....	52.36	5.18	4.63	9.98	12.32	10.61	6.84	2.80	40.2
3d.....	54.15	6.31	4.62	10.06	12.49	10.73	6.92	3.02	39.9
4th.....	53.28	4.62	4.80	10.07	12.71	10.73	6.73	2.96	40.1
<b>LABOR FORCE, MALE</b>									
1941—4th.....	39.91	2.84	4.31	9.41	8.03	7.83	4.75	2.04	38.8
1942—1st.....	39.83	2.75	4.28	9.28	8.98	7.81	4.65	2.08	39.0
3d.....	40.32	4.35	3.61	8.73	8.83	7.69	5.02	2.09	38.9
1943—1st.....	36.44	2.92	2.34	7.79	8.30	7.84	5.04	2.21	41.2
3d.....	36.68	4.01	1.90	7.16	8.24	7.82	5.28	2.27	41.4
1944—1st.....	34.55	2.19	1.75	6.73	8.61	7.87	5.16	2.24	42.7
2d.....	35.11	2.91	1.57	6.47	8.63	7.92	5.18	2.38	42.6
3d.....	35.36	3.30	1.45	6.30	8.70	7.92	5.26	2.43	42.6
4th.....	34.06	2.27	1.40	6.20	8.62	7.87	5.30	2.40	43.3
1945—1st.....	33.68	2.20	1.45	6.00	8.48	7.90	5.29	2.36	43.5
2d.....	34.00	2.68	1.45	5.83	8.41	7.88	5.36	2.39	43.4
3d.....	34.80	3.27	1.46	5.83	8.48	7.92	5.32	2.52	43.1
4th.....	35.33	2.25	1.82	6.71	8.83	7.98	5.25	2.49	42.8
<b>LABOR FORCE, FEMALE</b>									
1941—4th.....	13.94	1.79	2.83	3.54	2.75	1.78	.96	.20	31.7
1942—1st.....	13.40	1.56	2.74	3.45	2.67	1.77	.94	.27	31.9
3d.....	15.51	2.05	2.79	3.61	2.94	2.07	1.12	.33	31.4
1943—1st.....	16.10	2.03	2.94	3.93	3.41	2.24	1.14	.41	32.8
3d.....	18.45	3.30	3.09	4.06	3.84	2.45	1.28	.43	32.0
1944—1st.....	16.77	2.17	3.14	3.89	3.63	2.47	1.17	.30	32.9
2d.....	17.93	2.58	3.16	3.97	3.86	2.64	1.32	.40	33.1
3d.....	18.67	3.07	3.18	3.97	3.89	2.72	1.38	.46	32.8
4th.....	18.05	2.37	3.18	4.04	3.88	2.74	1.37	.47	33.6
1945—1st.....	17.67	2.22	3.17	4.07	3.77	2.68	1.35	.41	33.5
2d.....	18.36	2.50	3.18	4.15	3.91	2.73	1.48	.41	33.4
3d.....	19.86	3.04	3.10	4.23	4.01	2.81	1.60	.50	33.2
4th.....	17.95	2.37	3.04	3.96	3.88	2.75	1.48	.47	34.0
<b>EMPLOYMENT, BOTH SEXES</b>									
1941—4th.....	50.44	4.02	6.69	12.36	11.08	8.84	5.25	2.20	36.9
1942—1st.....	49.63	3.72	6.58	12.13	11.04	8.92	5.08	2.16	37.2
3d.....	53.86	6.46	6.19	12.10	11.46	9.45	5.87	2.33	36.9
1943—1st.....	51.27	4.71	5.13	11.56	11.51	9.86	5.98	2.52	38.7
3d.....	54.02	6.93	4.85	11.07	11.93	10.12	6.47	2.65	38.5
1944—1st.....	50.36	4.20	4.76	10.47	12.09	10.18	6.19	2.47	39.8
2d.....	52.17	5.23	4.63	10.30	12.42	10.45	6.40	2.74	39.8
3d.....	53.15	6.12	4.50	10.12	12.46	10.54	6.66	2.85	39.7
4th.....	51.44	4.53	4.48	10.10	12.39	10.49	6.62	2.83	40.3
1945—1st.....	50.51	4.26	4.51	9.03	12.12	10.43	6.54	2.72	40.4
2d.....	51.52	4.97	4.52	9.85	12.19	10.48	6.74	2.77	40.3
3d.....	53.02	6.08	4.45	9.80	12.30	10.67	6.83	2.99	40.0
4th.....	51.54	4.43	4.55	10.14	12.41	10.50	6.61	2.90	40.4
<b>EMPLOYMENT, MALE</b>									
1941—4th.....	37.53	2.51	4.06	9.00	8.51	7.16	4.37	1.92	38.8
1942—1st.....	37.23	2.41	4.04	8.87	8.52	7.27	4.21	1.91	38.9
3d.....	39.06	4.04	3.52	8.50	8.64	7.47	4.79	2.01	38.9
1943—1st.....	35.70	2.70	2.29	7.71	8.20	7.69	4.89	2.13	41.2
3d.....	36.10	3.83	1.83	7.09	8.17	7.73	5.22	2.23	41.5

## EMPLOYMENT BY AGE AND SEX

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No. 197.—ESTIMATED CIVILIAN LABOR FORCE AND EMPLOYMENT BY AGE AND SEX: QUARTERLY AVERAGE, 1941 TO 1945—Continued

[Millions of persons 14 years of age and over. Figures subject to revision]

YEAR AND QUARTER	Total all ages	14-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 and over	Median age
<b>EMPLOYMENT, MALE—CON.</b>									
1944—1st	34.00	2.12	1.71	6.66	8.52	7.76	5.05	2.18	42.6
2d	34.67	2.80	1.55	6.41	8.62	7.84	5.11	2.34	42.6
3d	34.92	3.18	1.42	6.23	8.63	7.86	5.20	2.40	42.7
4th	33.71	2.22	1.38	6.14	8.56	7.79	5.25	2.37	43.3
1945—1st	33.19	2.12	1.41	5.94	8.41	7.80	5.20	2.31	43.5
2d	33.53	2.59	1.41	5.77	8.33	7.78	5.30	2.35	43.4
3d	34.19	3.16	1.41	5.71	8.36	7.81	5.25	2.49	43.2
4th	34.13	2.16	1.64	6.34	8.61	7.79	5.15	2.44	43.0
<b>EMPLOYMENT, FEMALE</b>									
1941—4th	12.91	1.51	2.63	3.36	2.57	1.68	.88	.28	31.9
1942—1st	12.40	3.85	3.26	2.52	1.65	.87	.25	.32	32.2
3d	14.80	5.09	3.51	2.82	1.08	1.08	.32	.31	31.6
1943—1st	15.57	1.92	2.84	3.85	3.31	2.17	1.09	.39	32.9
3d	17.92	3.10	3.02	3.98	3.76	2.39	1.25	.42	32.1
1944—1st	16.36	2.08	3.05	3.81	3.57	2.42	1.14	.29	33.0
2d	17.50	2.43	3.08	3.89	3.80	2.61	1.29	.40	33.3
3d	18.23	2.94	3.08	3.89	3.83	2.68	1.36	.45	33.0
4th	17.73	2.30	3.10	3.98	3.83	2.70	1.36	.46	33.7
1945—1st	17.32	2.14	3.10	3.99	3.71	2.63	1.34	.41	33.6
2d	17.99	2.88	3.11	4.08	3.86	2.70	1.44	.42	33.6
3d	18.83	2.92	3.04	4.09	3.94	2.76	1.58	.50	33.4
4th	17.41	2.27	2.91	3.80	3.80	2.71	1.46	.46	34.3

Source: Dept. of Commerce, Bur. of Census; based on figures published in the Labor Force Bulletin.

No. 198.—ESTIMATED HOURS WORKED DURING CENSUS WEEK IN AGRICULTURAL AND NONAGRICULTURAL EMPLOYMENT: QUARTERLY AVERAGE, 1941 TO 1945

[Millions of persons 14 years of age and over. Figures subject to revision]

YEAR AND QUARTER	Total all hours	0 hours <sup>1</sup>	1-29 hours	30-39 hours	40-44 hours	45-49 hours	50-54 hours	55-59 hours	60 or more hours	Aver- age hours <sup>2</sup>
<b>TOTAL AGRICULTURAL EMPLOYMENT</b>										
1941—3d	9.55	.15	.73	.81	1.65		1.76		4.46	53.6
1942—1st	7.51	.18	.90	.92	1.75		1.19		2.57	49.2
3d	9.51	.13	.65	.68	1.48		1.22		5.35	59.7
1943—1st	7.15	.15	.66	.63	.67	.69	.76	.30	3.29	53.5
3d	9.46	.07	.57	.55	.57	.82	.83	.28	5.77	61.9
1944—1st	6.72	.32	.55	.69	.58	.68	.47	.24	2.89	50.5
2d	8.56	.14	.37	.63	.45	.53	.50	.27	5.17	56.2
3d	8.97	.16	1.11	.80	.57	.64	.58	.24	4.87	57.1
4th	7.99	.15	1.08	.73	.54	.73	.76	.31	3.69	52.9
1945—1st	6.92	.28	1.34	.64	.55	.69	.58	.26	2.58	47.6
2d	8.27	.14	1.20	.74	.66	.69	.78	.28	3.73	53.0
3d	9.23	.20	1.45	.97	.69	.67	.70	.27	4.23	53.4
4th	8.18	.17	1.41	.87	.81	.81	.77	.30	2.09	48.7
<b>TOTAL NONAGRICULTURAL EMPLOYMENT</b>										
1941—3d	41.68	1.37	2.92	3.54	26.03		3.55		4.27	42.3
1942—1st	42.12	.82	3.38	3.79	26.12		4.10		3.91	42.6
3d	44.35	1.53	3.05	4.02	25.97		4.90		4.83	42.7
-1943—1st	44.12	.89	3.05	2.88	13.06	14.06	3.09	2.18	4.01	44.8
3d	44.56	1.71	2.37	3.18	10.43	16.72	3.02	2.14	4.99	44.8
1944—1st	43.64	1.23	2.98	2.48	8.15	17.64	3.90	2.09	5.17	45.5
2d	43.61	1.22	3.13	2.41	8.05	17.01	4.06	2.12	5.61	45.7
3d	44.18	2.82	3.28	4.24	8.98	14.39	3.76	1.78	4.93	42.8
4th	43.45	1.01	3.19	2.67	8.28	16.86	4.20	2.09	5.15	45.5
1945—1st	43.58	1.34	3.65	2.64	8.05	16.74	4.13	2.16	4.87	44.6
2d	43.25	1.38	3.54	2.81	8.85	15.81	4.06	1.98	4.84	44.5
3d	43.79	2.79	3.44	4.79	10.74	12.81	3.32	1.59	4.31	41.6
4th	43.41	1.70	3.86	3.48	15.06	11.08	3.03	1.44	3.76	41.7

<sup>1</sup> Includes persons who had a job but who did not work during the census week because of vacation, temporary illness, bad weather conditions, or temporary lay-off with definite instructions to return to work by a specific date. Also includes farmers who did not work during the census week. Does not include any unpaid family workers.<sup>2</sup> Average of monthly averages. The monthly average is a mean computed from a distribution of single hours of work. Persons who had a job but did not work during the census week were classified in a separate group, "0 hours", in computing the mean.

Source: Dept. of Commerce, Bur. of Census; based on figures published in the Labor Force Bulletin.

## LABOR FORCE

No. 199.—EMPLOYMENT STATUS OF THE POPULATION 14 YEARS OLD AND OVER,  
BY STATES: 1940

[For definitions, see footnotes on table 191]

DIVISION AND STATE	Population 14 years old and over	IN LABOR FORCE						Not in labor force		
		Total labor force		Employed (except on public emergency work)		On public emergency work				
		Number	Percent of population	Number	Percent of labor force	Number	Percent of labor force			
United States	101,102,924	52,789,489	52.2	45,166,083	85.6	2,529,606	4.8	5,093,810	9.6	48,313,425
New England	6,693,807	3,614,684	54.0	3,060,127	84.7	171,108	4.7	383,419	10.6	3,079,153
Maine	641,795	330,421	51.5	279,036	84.4	12,307	3.7	39,078	11.8	311,374
New Hampshire	385,114	206,919	53.7	175,999	85.1	9,667	4.7	21,253	10.3	178,195
Vermont	273,342	141,407	51.7	125,092	88.5	6,188	4.4	10,127	7.2	131,935
Massachusetts	3,449,471	1,844,260	53.5	1,554,787	83.2	103,391	5.6	206,082	11.2	1,205,613
Rhode Island	568,354	321,644	56.6	264,723	82.3	17,279	5.4	39,642	12.3	246,710
Connecticut	1,376,326	770,003	56.0	650,490	88.4	22,276	2.9	67,237	8.7	605,326
Middle Atlantic	21,963,558	11,805,559	55.8	9,773,744	82.8	428,994	3.6	1,602,801	13.6	10,168,019
New York	10,915,285	5,962,199	54.6	4,974,518	83.4	171,212	2.9	816,469	13.7	4,953,086
New Jersey	3,356,059	1,557,340	55.4	1,566,059	84.5	77,411	4.2	210,870	11.4	1,497,719
Pennsylvania	7,693,214	3,986,000	51.8	3,230,167	81.0	180,371	4.5	573,462	14.4	3,707,214
E. North Central	20,877,417	10,811,817	51.8	9,256,812	85.6	578,635	5.4	975,870	9.0	10,066,100
Ohio	5,448,355	2,765,687	50.8	2,344,967	84.8	158,693	5.7	262,127	9.5	6,682,668
Indiana	2,665,328	1,331,378	50.0	1,161,703	86.5	73,123	5.5	106,552	8.0	1,333,050
Illinois	6,316,102	3,360,823	53.2	2,874,431	85.5	181,285	5.4	308,107	9.1	2,955,200
Michigan	4,036,893	2,125,877	52.7	1,824,953	85.8	102,047	4.8	198,877	9.4	1,911,016
Wisconsin	2,410,818	1,227,552	50.9	1,060,758	86.4	63,687	5.2	103,207	8.4	1,183,266
W. North Central	10,420,305	5,228,734	50.2	4,513,537	86.4	297,145	5.7	416,052	8.0	5,193,571
Minnesota	2,152,104	1,101,464	51.2	931,499	84.6	60,096	5.5	109,869	10.0	1,050,640
Iowa	1,959,051	957,869	48.9	862,781	90.1	33,470	3.5	61,618	6.4	1,001,222
Missouri	2,964,182	1,521,080	51.3	1,297,094	85.3	94,549	6.2	120,443	8.5	1,443,096
North Dakota	464,700	235,661	50.7	200,396	85.0	18,226	7.7	17,039	7.2	229,039
South Dakota	477,255	239,826	50.3	204,514	85.3	19,899	8.3	15,413	6.4	237,429
Nebraska	1,008,473	501,013	49.7	433,427	86.5	33,691	6.7	33,895	6.8	507,460
Kansas	1,394,654	669,815	48.0	585,828	87.2	37,214	5.6	48,775	7.3	724,685
South Atlantic	12,981,259	6,988,692	53.7	6,215,098	89.2	300,314	4.3	453,280	6.5	6,012,580
Delaware	210,343	114,260	54.3	102,627	89.8	2,922	2.6	8,711	7.6	96,083
Maryland	1,419,270	767,091	54.0	600,911	90.1	19,222	2.5	50,958	7.4	652,179
Dist. of Columbia	553,488	344,033	62.2	308,900	89.8	10,417	3.0	24,716	7.2	209,455
Virginia	1,965,037	1,031,281	53.3	933,058	90.5	32,319	3.1	65,012	6.4	934,348
West Virginia	1,349,250	634,957	47.1	519,094	81.8	44,448	7.0	71,415	11.2	714,293
North Carolina	2,491,830	1,333,773	53.5	1,208,690	90.6	52,826	4.0	72,257	5.4	1,158,057
South Carolina	1,302,783	730,780	56.1	661,073	90.5	40,828	5.6	28,379	4.0	572,003
Georgia	2,232,133	1,225,705	54.9	1,107,412	90.3	52,479	4.4	64,814	5.3	1,006,427
Florida	1,456,519	788,804	50.0	683,333	86.8	43,553	5.6	59,018	7.6	669,715
E. South Central	7,858,677	3,898,254	50.9	3,410,580	87.5	204,448	5.2	281,228	7.2	3,762,423
Kentucky	2,040,360	988,700	48.9	847,563	84.9	54,826	5.5	98,311	6.1	641,663
Tennessee	2,119,300	1,071,904	50.6	941,714	87.9	51,734	4.8	78,456	7.3	1,047,396
Alabama	1,979,481	1,017,188	51.4	893,848	87.9	55,906	5.5	67,434	6.6	962,293
Mississippi	1,519,633	808,402	53.2	727,455	90.0	41,982	5.2	39,025	4.8	711,071
W. South Central	9,547,782	4,822,529	50.5	4,152,180	86.1	270,396	5.6	399,953	8.3	4,735,253
Arkansas	1,387,930	788,859	48.9	683,944	86.0	47,797	7.0	47,118	6.9	703,071
Louisiana	1,710,446	884,164	51.7	771,142	87.2	41,572	4.7	71,450	8.1	826,282
Oklahoma	1,703,553	804,582	47.2	655,739	81.9	63,600	7.9	82,234	10.2	898,971
Texas	4,745,853	2,454,924	51.7	2,138,575	87.1	117,418	4.8	199,151	8.1	2,290,929
Mountain	3,046,790	1,525,470	50.1	1,261,254	82.7	109,043	7.1	155,173	10.2	1,521,320
Montana	427,421	224,994	52.6	185,664	82.5	16,339	7.3	23,091	10.3	202,427
Idaho	384,890	101,196	49.7	158,006	83.0	13,067	6.8	19,523	10.2	193,694
Wyoming	188,434	100,409	53.3	86,559	86.2	5,126	5.1	8,724	8.7	88,027
Colorado	855,118	421,493	49.3	349,735	83.0	31,808	7.5	39,950	9.5	433,623
New Mexico	350,779	177,908	49.4	140,269	78.8	16,166	9.1	21,473	12.1	181,871
Arizona	355,059	180,247	50.8	150,173	83.3	10,328	5.7	19,746	11.0	174,812
Utah	389,086	181,244	46.6	148,886	82.1	13,975	7.7	18,383	10.1	207,842
Nevada	87,003	47,979	55.1	41,462	86.4	2,234	4.7	4,283	8.9	39,024
Pacific	7,913,336	4,118,310	52.0	3,522,751	85.5	169,528	4.1	428,938	10.3	3,795,028
Washington	1,396,267	716,501	51.3	607,672	84.8	37,946	5.3	70,883	9.9	679,766
Oregon	875,553	453,382	51.8	389,798	86.0	19,508	4.3	44,076	9.7	422,171
California	5,641,516	2,048,427	52.3	2,525,281	85.6	112,069	3.8	311,077	10.6	2,693,089

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

# FAMILY EMPLOYMENT STATUS

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## No. 200.—FAMILIES BY FAMILY EMPLOYMENT STATUS, BY STATES: 1940

[Statistics are based on Sample F, see p. 1. "Employed" refers to "Employed (except on public emergency work); see note 1, table 191.]

DIVISION AND STATE	All families	FAMILIES BY FAMILY EMPLOYMENT STATUS							
		No persons in labor force	1 person in labor force			2 or more persons in labor force			
			Total	Employed	Not employed	Total	All employed	Some employed	None employed
U. S.	35,088,840	3,450,720	20,615,940	18,057,220	2,558,720	11,022,180	7,870,880	2,698,800	452,500
New England	2,221,580	230,160	1,182,140	1,034,300	147,840	809,280	548,600	228,840	31,840
Maine	222,080	25,440	122,780	106,120	16,660	70,860	48,400	18,900	3,580
N. H.	135,960	16,700	73,740	64,520	9,220	45,520	31,020	11,820	1,780
Vt.	91,880	11,080	53,180	48,020	5,160	27,620	20,100	6,580	940
Mass.	1,125,840	120,740	506,480	514,780	81,700	408,620	264,960	125,520	18,140
R. I.	189,120	16,320	95,940	80,860	15,080	76,860	50,280	23,180	3,400
Conn.	466,700	36,880	240,020	220,000	20,020	179,800	132,940	42,840	4,020
Mid. Atlantic	7,325,100	675,940	4,047,880	3,499,240	548,640	2,601,280	1,704,880	730,940	115,480
N. Y.	3,685,380	357,360	2,037,280	1,772,220	265,060	1,290,740	856,000	383,340	50,500
N. J.	1,110,580	86,480	588,200	520,360	67,900	435,840	295,600	126,080	14,160
Pa.	2,529,140	232,100	1,422,340	1,206,660	215,680	874,700	552,360	271,520	50,820
E. N. Central	7,317,040	738,540	4,322,980	3,798,020	524,960	2,254,520	1,806,040	555,740	92,740
Ohio	1,905,700	200,120	1,127,620	985,140	142,480	577,960	397,680	154,640	25,640
Ind.	902,340	107,640	579,180	508,800	70,380	275,520	202,500	60,440	12,580
Ill.	2,216,580	221,240	1,281,420	1,119,080	162,340	713,920	516,080	171,220	26,640
Mich.	1,405,480	124,480	843,260	751,540	91,720	437,700	308,080	112,740	16,940
Wis.	826,940	86,080	491,500	433,460	58,040	249,360	181,720	56,700	10,940
W. N. Central	3,706,440	424,680	2,270,300	1,985,380	284,940	1,011,480	745,420	220,280	45,800
Minn.	735,980	78,100	455,060	382,180	62,880	212,820	150,200	51,860	10,760
Iowa	704,520	91,500	433,760	395,400	38,360	179,260	141,200	31,900	6,180
Mo.	1,072,580	117,820	642,140	552,480	89,660	312,620	227,500	71,250	13,860
N. Dak.	155,100	12,720	97,160	82,980	14,180	45,220	32,440	10,080	2,720
S. Dak.	163,580	15,880	103,120	88,240	14,880	44,580	32,580	9,900	2,100
Nebr.	300,180	42,900	222,760	194,440	28,320	94,520	70,040	19,880	4,600
Kans.	514,500	65,740	326,300	289,640	36,660	122,460	91,460	25,400	5,600
S. Atlantic	4,818,100	347,480	2,418,080	2,174,140	288,920	1,557,580	1,220,940	298,140	38,500
Del.	72,420	6,620	40,940	37,740	3,200	24,860	19,260	5,020	580
Md.	471,600	41,660	257,540	238,600	18,940	172,400	135,280	33,720	3,420
Dist. of Col.	170,640	18,780	91,740	85,620	6,120	50,900	33,040	1,180	—
Va.	632,100	48,760	361,100	334,420	26,680	222,240	174,600	42,180	5,460
W. Va.	440,200	43,180	271,250	227,920	43,360	125,740	80,020	38,160	7,560
N. C.	794,860	46,720	431,640	395,160	36,480	316,500	256,260	54,300	5,940
S. C.	437,680	27,800	233,020	206,260	26,760	176,860	146,780	27,320	2,760
Ga.	765,280	49,980	426,560	389,700	36,860	288,740	233,860	48,940	5,940
Fla.	533,320	68,960	299,240	258,720	40,520	165,120	124,000	35,460	5,660
E. S. Central	2,629,700	196,680	1,599,980	1,410,980	189,000	833,060	633,140	170,280	29,640
Ky.	693,980	61,560	425,360	367,260	58,100	207,040	146,940	50,140	9,960
Tenn.	714,420	59,200	422,340	375,780	46,560	232,880	176,420	48,900	7,560
Ala.	677,720	44,600	413,440	363,440	50,000	219,680	169,760	42,600	7,320
Miss.	543,600	31,300	338,840	304,500	34,340	173,460	140,020	28,640	4,800
W. S. Central	3,405,220	287,060	2,188,120	1,903,740	284,380	950,040	687,720	216,620	45,700
Ark.	497,820	36,660	333,440	286,740	46,700	127,720	96,680	25,120	5,920
La.	593,860	52,040	358,280	317,120	41,160	183,540	134,200	43,420	5,920
Okla.	615,320	68,960	394,820	329,820	65,000	151,540	99,040	41,460	11,040
Tex.	1,698,220	129,400	1,081,580	970,060	111,520	487,240	357,800	106,620	22,820
Mountain	1,129,000	128,620	734,760	615,400	119,380	267,820	183,520	66,000	18,100
Mont.	159,660	15,520	109,080	91,260	17,820	35,060	23,700	9,360	2,000
Idaho	145,120	13,580	97,840	81,660	16,180	33,700	24,440	7,240	2,020
Wyo.	69,220	5,580	48,500	42,180	6,320	15,140	11,160	3,280	700
Colo.	310,700	45,160	199,580	167,840	31,740	74,960	51,720	18,080	5,160
N. Mex.	131,480	11,880	85,900	67,460	18,440	33,700	21,440	8,580	3,680
Ariz.	130,860	15,180	82,240	70,460	11,780	33,440	22,640	8,880	1,920
Utah	139,440	15,960	89,000	74,360	14,640	34,480	23,200	9,040	2,240
Nev.	33,520	3,760	22,620	20,180	2,440	7,140	5,220	1,540	380
Pacific	3,036,660	422,820	1,876,720	1,636,040	240,680	737,320	540,640	161,980	34,700
Wash.	542,420	72,260	348,000	299,640	48,360	122,160	85,820	29,800	6,540
Oreg.	343,280	43,050	217,700	191,040	26,660	82,500	60,140	19,200	3,160
Calif.	2,150,960	307,280	1,311,020	1,145,360	165,660	532,660	394,630	112,980	25,000

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census Families—General Characteristics.

## LABOR FORCE

No. 201.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY MAJOR INDUSTRY GROUP AND SEX: 1940

MAJOR INDUSTRY GROUP AND SEX		MAJOR OCCUPATION GROUP						Occupation not re- ported
		Total	Proprietors, professional and semi- professional workers	Clerical, sales, and kindred workers	Craftsmen, foremen, and kin- dred workers	Operatives and kindred workers	Protective service workers	
<b>Males employed (except on public emergency work)</b>								
Agriculture, forestry and fishery		34,027,905	1,875,387	8,317,482	4,360,648	4,949,132	6,205,898	677,213
Mining		7,988,343	18,156	5,004,425	7,986	11,831	35,469	4,026
Construction		902,061	17,529	30,893	25,045	119,023	638,926	1,912
Manufacturing		2,022,032	63,740	116,018	30,123	1,205,548	155,966	1,336
Transportation, communication, and other public utilities		8,250,350	230,368	440,766	983,307	1,983,477	2,986,157	77,633
Wholesale and retail trade		2,768,267	80,069	210,477	414,460	537,209	957,271	44,413
Finance, insurance, and real estate		6,609,228	104,067	1,755,380	1,644,934	347,691	897,039	60,571
Business and repair services		1,013,297	15,480	216,818	577,524	23,164	10,658	16,342
Personal services		787,377	26,053	95,403	86,230	456,739	84,122	13,904
Amusement, recreation, and related services		1,133,665	62,250	93,403	53,444	90,174	206,040	5,416
Professional and related services		2,916,053	76,323	64,48	19,205	32,726	32,633	542,476
Government		1,472,435	988,826	39,264	83,439	43,666	64,024	835,933
Industry not reported		1,143,069	124,932	322,451	322,817	71,066	44,201	477,961
Females employed (except on public emergency work)		450,570	7,494	18,277	16,399	30,896	43,992	13,036
Agriculture, forestry and fishery		11,138,178	1,469,661	575,419	3,156,982	106,590	2,046,379	4,321
Mining		487,089	430	162,740	6,950	146	3,281	3,226,401
Construction		10,939	210	405	7,921	177	1,306	1,624
Manufacturing		34,242	338	20,622	1,134	24,270	5,491	332
Transportation, communication, and other public utilities		2,322,252	30,690	622	496,102	59,163	1,618,372	24
Wholesale and retail trade		345,036	4,849	6,238	312,164	2,798	7,352	278
Finance, insurance, and real estate		2,029,540	13,731	258,101	1,13,077	24,915	1,24,013	13,733
Business and repair services		454,300	2,320	40,902	323,625	645	480	20
Personal services		76,877	6,348	5,798	54,672	3,418	4,294	186
Amusement, recreation, related services		2,875,752	21,163	32,162	63,762	5,105	25,611	88
Professional and related services		1,846,128	27,048	314,836	16,762	30,199	1,057	2,491,967
Government		339,418	45,912	33,923	231,147	2,320	24,156	20
Industry not reported		238,266	1,777	2,784	237,394	697	3,243	2,394
						655	4,877	7,501
								2,161
								11,719

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III.

No. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940

Persons in the experienced labor force comprise employed persons (except on public emergency work), persons on public emergency work, and workers seeking work who had formerly worked full time for 1 month or more, see footnotes on table 191. Occupation figures shown below for employed (except on public emergency work) refer to the occupation in which engaged during census week, and are based on complete census returns. Occupation figures for remaining experienced labor force groups, not shown separately in this table, refer to the occupation which the person regarded as his usual occupation and at which he was still physically able to work, and are based on Sample B, see p. 1. Figures for "Experienced labor force", therefore, represent a summation of figures for current and usual occupation based on complete census returns and Sample B, respectively.

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
All occupations.....	52,020,023	39,445,946	12,574,078	45,168,083	34,027,905	11,138,178
Professional and semiprofessional workers.....	3,558,428	2,012,587	1,545,841	3,845,048	1,875,387	1,489,661
Professional workers.....	3,048,472	1,609,299	1,439,174	2,881,592	1,511,118	1,370,474
Actors and actresses.....	19,232	11,611	7,621	11,092	6,931	4,761
Architects.....	21,076	21,479	497	20,376	19,899	477
Artists and art teachers.....	62,485	41,338	21,147	51,985	34,478	17,507
Authors, editors, and reporters.....	77,619	57,123	20,496	70,059	51,523	18,536
Authors.....	14,126	9,520	4,606	11,800	8,020	3,786
Editors and reporters.....	63,493	47,603	15,890	58,253	43,503	14,760
Chemists, assayers, and metallurgists.....	60,005	58,271	1,734	57,025	55,371	1,654
Clergymen.....	140,077	136,769	3,308	136,597	133,449	3,148
College presidents, professors, and instructors.....	75,847	55,723	20,124	75,007	55,123	19,884
Dentists.....	70,601	69,534	1,067	70,121	69,074	1,047
Civil engineers.....	89,042	88,811	231	80,362	80,171	191
Electrical engineers.....	55,667	55,443	224	53,267	53,103	164
Mechanical engineers.....	85,543	85,315	228	82,443	82,255	188
Other technical engineers.....	31,176	30,969	207	29,218	29,029	187
Chemical engineers.....	11,600	11,541	59	11,120	11,081	39
Industrial engineers.....	9,803	9,729	74	9,283	9,209	74
Mining and metallurgical engineers.....	9,773	9,699	74	8,813	8,739	74
Lawyers and judges.....	180,483	176,036	4,447	177,643	173,456	4,187
Musicians and music teachers.....	161,536	95,280	65,256	129,256	69,800	59,456
Osteopaths.....	6,067	4,965	1,102	6,007	4,905	1,102
Pharmacists.....	83,167	79,831	3,336	79,347	76,131	3,216
Physicians and surgeons.....	165,628	157,921	7,705	164,649	157,041	7,608
Social and welfare workers.....	75,197	26,828	48,369	69,677	24,868	44,809
Teachers, n. e. c. (incl. county agents).....	1,076,001	269,141	806,860	1,030,001	253,561	776,440
Teachers, n. e. c. ....	1,065,280	263,016	802,264	1,019,760	247,716	772,044
Co. agts. and farm demonstrators.....	10,721	8,125	4,590	10,241	5,845	4,306
Trained nurses and student nurses.....	371,066	8,169	362,897	355,786	7,509	348,277
Veterinarians.....	10,957	10,858	99	10,717	10,638	79
Other professional workers.....	120,099	67,883	61,216	120,359	62,803	57,556
Librarians.....	38,607	4,061	34,546	36,347	3,801	32,546
Professional workers, n. e. c. ....	90,492	63,822	26,670	84,012	59,002	25,010
Semiprofessional workers.....	509,956	403,289	106,687	463,456	364,269	99,187
Dancers, showmen, and athletes.....	54,264	37,707	16,547	45,074	31,147	18,927
Athletes.....	9,162	8,870	292	7,182	6,990	192
Dancers, dancing teachers, and chorus girls.....	13,773	2,940	10,833	11,213	2,180	9,033
Showmen.....	6,773	5,733	1,040	5,333	4,493	840
Sports instructors and officials.....	24,546	20,164	4,382	21,346	17,484	3,862
Designers and draftsmen.....	111,805	101,380	10,425	100,925	91,820	9,105
Designers.....	23,614	14,743	8,871	21,334	13,643	7,691
Draftsmen.....	88,191	86,637	1,554	79,591	78,177	1,414
Surveyors.....	16,444	16,343	101	13,344	13,243	101
Other semiprofessional workers.....	327,453	247,859	79,604	304,113	228,059	76,054
Aviators.....	6,299	6,248	51	5,879	5,828	51
Chiropractors.....	10,869	8,958	1,911	10,629	8,753	1,871
Funeral directors and embalmers.....	39,590	37,416	2,174	37,970	35,856	2,114
Healers and medical serv. workers, n. e. c. ....	20,575	10,625	9,950	19,555	10,045	9,510
Optometrists.....	10,357	9,882	475	10,237	9,762	475
Photographers.....	37,641	32,578	5,062	33,701	29,078	4,623
Radio and wireless operators.....	11,573	11,456	117	10,393	10,296	97
Religious workers.....	35,172	9,118	26,054	34,672	8,798	25,874
Technicians and assistants, lab. ....	67,168	44,507	22,651	62,998	41,487	21,511
Technicians, except laboratory.....	8,088	7,267	521	7,348	6,567	781
Semiprofessional workers, n. e. c. ....	80,131	69,804	10,327	70,731	61,584	9,147
Farmers and farm managers.....	5,302,774	5,148,895	154,079	5,143,614	4,991,715	151,809
Farmers (owners and tenants).....	5,265,271	5,112,024	153,247	5,106,711	4,955,624	151,087
Farm managers.....	37,503	36,671	832	36,903	36,091	812

NO. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
	3,854,187	3,423,107	431,080	3,749,287	3,325,767	423,520
Proprietors, managers, and officials, exo. farm	47,465	47,465		46,185	46,185	
Conductors, railroad	289,813	204,857	84,956	232,273	198,377	33,896
Postmasters, and misc. govt. officials	17,386	17,001	385	17,006	16,641	365
Inspectors, United States	13,929	13,456	473	13,309	12,856	453
Inspectors, State	12,284	12,018	266	11,804	11,558	246
Inspectors, county and local	1,254	1,220	34	1,214	1,180	34
Officials, United States	61,594	57,940	3,654	58,014	54,840	3,174
Officials, State	20,767	19,011	1,756	20,247	18,531	1,716
Officials, city	28,764	25,096	3,658	28,134	24,576	3,558
Officials, county and local	44,655	36,616	8,069	43,925	35,956	7,989
Postmasters	39,160	22,499	16,661	38,620	22,239	16,381
Other spec. mgrs. and officials	352,047	287,028	65,019	335,387	272,448	62,939
Advertising agents	35,602	31,950	3,742	33,712	30,110	3,802
Buyers and dept. heads, store	72,436	54,115	18,321	69,616	51,935	17,581
Country buyers and shippers of live-stock and other farm prod.	40,416	39,867	549	38,516	38,007	509
Credit men	31,110	27,387	3,723	29,950	26,307	3,643
Floormen and floor mgrs., store	7,173	4,952	2,221	6,873	4,672	2,201
Mgrs. and supts., building	70,942	41,734	20,208	68,882	40,394	28,488
Officers, pilots, purrs., and engineers, ship	35,155	35,038	117	31,075	30,978	97
Officials, lodge, society, union, etc.	25,764	21,359	4,405	25,304	21,079	4,225
Purchasing agts. and buyers, n. e. c.	33,359	30,626	2,733	31,559	28,966	2,593
Props., mgrs., and officials n. e. c., by industry:						
Mining	32,001	31,607	394	30,841	30,447	394
Construction	125,696	124,438	1,258	114,996	113,898	1,098
Manufacturing	428,328	410,046	18,282	420,368	402,506	17,862
Trans., commun., and utilities	142,134	136,172	5,962	140,134	134,232	5,902
Railroads (incl. repair shops)	32,242	31,961	281	31,842	31,561	281
Street railways and bus lines	5,827	5,663	164	5,707	5,543	164
Taxicab service	2,892	2,759	133	2,832	2,699	133
Trucking service	27,163	26,324	639	26,683	25,864	819
Warehousing and storage	7,593	7,414	185	7,419	7,234	185
Miscellaneous transportation	13,303	12,791	512	12,943	12,451	492
Communication	23,361	20,110	3,251	23,261	20,030	3,231
Utilities	29,747	29,150	597	29,447	28,850	597
Wholesale trade	240,680	233,614	7,072	234,326	227,334	6,992
Eating and drinking places	273,163	207,059	66,104	265,583	200,519	65,064
Retail trade, exc. eating and drinking places	1,433,762	1,270,383	183,379	1,404,322	1,242,323	161,999
Food stores, exc. dairy products	484,157	417,757	66,400	472,377	406,517	65,860
Dairy prod. stores and milk retail	22,082	20,210	1,872	21,682	19,810	1,872
General merchandise stores	96,040	82,405	13,655	94,120	80,585	13,535
Limited price variety stores	18,214	15,309	2,905	17,954	15,049	2,905
Apparel and access., exc. shoes	84,730	56,204	28,526	83,150	54,884	28,266
Shoe stores	20,824	19,903	921	20,544	19,623	921
Furniture and house furnishings	37,214	34,711	2,503	36,654	34,151	2,503
Household appliance and radio	21,052	21,033	920	21,573	20,693	880
Motor vehicles and access., retail	80,926	79,782	1,244	79,876	78,632	1,244
Filling stations	183,655	178,817	4,838	180,315	175,497	4,818
Drug stores	20,330	17,831	2,499	20,150	17,691	2,459
Hdw. and farm imple.	47,087	45,505	1,582	46,607	45,045	1,562
Lumber and bldg. material retail	50,713	49,209	1,504	50,053	48,569	1,484
Liquor stores	17,555	16,330	1,225	17,375	16,150	1,225
Retail florists	15,114	11,002	4,112	14,774	10,662	4,112
Jewelry stores	19,207	17,907	1,300	18,987	17,687	1,300
Fuel and ice retailing	45,706	44,406	1,300	44,566	43,266	1,300
Miscellaneous retail stores	105,712	90,073	16,639	104,522	88,093	16,439
Not Specified retail trade	61,473	52,019	9,454	59,033	49,719	9,314
Finance, insurance, and real estate	199,608	178,188	12,420	186,068	174,668	12,300
Banking and other finance	125,109	118,747	6,362	122,009	115,687	6,322
Insurance	39,735	36,903	2,882	39,475	36,643	2,832
Real estate	25,764	22,538	3,226	25,484	22,338	3,146
Business and repair services	88,231	83,868	4,363	86,591	82,288	4,303
Business services	20,797	17,601	3,196	20,437	17,281	3,156
Automobile storage, rental, and repair services	61,712	60,802	910	60,492	59,602	890
Misc. repair serv. and hand trades	5,722	5,465	257	5,662	5,405	257
Personal services	126,387	94,092	32,295	123,227	91,572	31,655
Hotels and lodging places	66,935	46,056	21,879	64,555	43,196	21,359
Laundering, cleaning, and dyeing	53,694	44,554	9,140	52,934	43,914	9,020
Miscellaneous personal services	5,758	4,482	1,276	5,738	4,462	1,276
Misc. industries and services	133,866	114,290	19,576	128,086	108,970	19,116
Theaters and motion pictures	26,841	25,430	1,411	25,141	23,750	1,391
Misc. amusement and recreation	44,003	41,492	2,511	42,003	39,612	2,301
Other industries and services	41,399	28,568	12,881	40,559	27,928	12,631
Industry not reported	21,623	18,800	2,823	17,680	17,680	2,703

**NO. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
				Total	Male	Female
Clerical, sales, and kindred wkr.	8,270,270	4,791,588	3,478,892	7,517,830	4,380,849	3,156,982
Clerical and kindred workers	5,081,410	2,471,158	2,610,263	4,612,356	2,286,853	2,376,503
Baggagemen, express messengers, and ry. mail clerks	28,436	28,299	137	27,876	27,759	117
Baggagemen, transportation	6,099	6,099		5,959	5,959	
Exp. messengers and ry. mail clks	22,337	22,200	137	21,917	21,800	117
Bookkeepers, accountants, cashiers, and ticket agents	971,685	493,786	477,890	895,065	447,606	448,359
Bookkeepers, acc'ts., and cashiers	931,308	455,623	475,655	856,448	410,243	446,205
Ticket, station, and express agts.	40,377	38,163	2,214	39,517	37,363	2,154
Mail carriers	122,910	121,366	1,544	120,770	119,246	1,524
Messengers, except express	77,366	74,084	3,272	68,276	65,544	2,732
Messengers, errand, and office boys and girls	60,740	57,776	2,964	54,360	51,836	2,524
Telegraph messengers	16,618	16,308	308	13,916	13,708	208
Office machine operators	64,178	9,104	55,074	59,738	8,284	51,454
Shipping and receiving clerks	229,737	220,609	9,128	209,337	200,669	8,668
Stenographers, typists, and secretaries	1,174,886	73,465	1,096,421	1,056,886	68,808	988,081
Telegraph operators	42,562	34,114	8,448	39,782	31,554	8,228
Telephone operators	208,319	11,257	197,062	199,699	10,697	189,002
Other clerical and kindred workers	2,161,347	1,400,069	761,278	1,934,027	1,256,659	677,338
Agents, n. e. c.	92,341	83,460	8,881	88,641	80,040	8,601
Attendants and assistants, library	20,203	3,535	16,668	8,983	1,955	7,028
Attendants, physicians' and dentists' offices	31,209	1,507	29,702	29,309	1,387	27,922
Collectors, bill and account	43,990	40,494	3,496	41,690	38,374	3,316
Clerical and kindred wkr. n. e. c.	1,973,604	1,271,073	702,531	1,765,404	1,184,933	630,471
Salesmen and saleswomen	3,188,854	2,320,435	868,419	2,905,274	2,183,795	781,479
Canvassers and solicitors	96,394	78,295	18,099	90,094	72,995	17,099
Hucksters and peddlers	56,695	54,197	2,498	50,695	48,357	2,338
Newsboys	56,730	55,633	1,097	54,370	53,313	1,057
Insurance agents and brokers	249,322	236,001	13,321	239,142	226,061	13,081
Real estate agents and brokers	116,990	106,816	10,674	111,110	100,856	10,254
Other sale agents and brokers	656,511	641,844	14,667	614,311	600,884	13,427
Auctioneers	3,537	3,354	183	3,277	3,134	143
Salesmen, finance, brokerage, and com-mis'n firms	20,307	19,887	420	18,707	18,327	380
Traveling salesmen and sales agts.	632,657	618,603	14,064	592,327	579,423	12,904
Other salesmen and saleswomen	1,956,212	1,148,149	808,063	1,745,552	1,021,329	724,223
"Clerks" in stores	525,591	300,270	219,321	473,171	271,890	201,281
Demonstrators	10,521	1,818	8,705	8,961	1,558	7,403
Salesmen and saleswomen, n. e. c.	1,420,100	840,061	580,039	1,263,420	747,881	515,539
Craftsmen, foremen, and kindred wkr.	5,952,482	5,830,832	121,650	5,055,722	4,949,182	106,590
Bakers	144,296	133,779	10,517	129,056	119,039	10,017
Blacksmiths, forgemen, and hammermen	87,166	86,894	272	72,246	72,034	212
Boilermakers	32,082	32,909	73	27,662	27,589	73
Cabinetmakers and pattern makers	91,870	91,103	767	81,870	81,263	607
Cabinet	58,537	53,356	481	50,597	50,236	361
Fattern and model, exc. paper	33,033	32,747	286	31,273	31,027	246
Carpenters	766,213	763,878	2,335	558,313	556,918	1,395
Compositors and typesetters	174,312	166,307	8,005	158,072	150,647	7,425
Electricians	227,102	226,286	816	197,222	196,526	696
Foremen n. e. c., by industry	576,204	534,314	41,890	522,404	486,614	35,790
Construction	74,663	74,274	380	45,523	45,394	129
Manufacturing	302,457	270,851	31,608	289,977	262,851	27,126
Food and kindred products	30,355	26,839	3,516	29,175	25,919	3,266
Textiles, textile prod., and apparel	49,073	32,878	16,195	43,765	31,298	12,455
Lumber, furniture, and lumber prod.	23,473	22,975	498	22,493	22,015	478
Paper, paper prod., and printing	19,469	17,281	2,188	18,809	16,741	2,068
Chemicals, and petroleum and coal products	22,485	21,175	1,310	22,185	20,895	1,290
Metal industries	112,939	110,264	2,675	110,409	107,924	2,575
Manufacturing industries n. e. c.	44,663	39,439	5,224	43,063	38,059	5,004
Trans. commun., and utilities	95,679	94,966	713	93,079	92,366	713
Railroads (incl. repair shops)	49,573	49,472	101	48,013	47,912	101
Street railways and bus lines	4,203	4,183	20	4,163	4,143	20
Miscellaneous transportation	11,498	11,418	80	11,118	11,038	80
Communication	8,474	8,253	221	8,374	8,153	221
Utilities	21,931	21,640	201	21,411	21,120	20

No. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Craftsmen, foremen, and kindred workers—Continued.						
Foremen, n. e. c., by industry—Con.						
Misc. industries and services	103,405	94,223	9,182	93,825	86,003	7,822
Mining	28,244	28,183	61	26,484	26,443	41
Wholesale and retail trade	31,951	29,302	2,649	30,931	28,422	2,509
Business and repair services	6,164	5,952	212	6,104	5,892	212
Personal services	7,400	4,504	2,806	7,000	4,314	2,686
Government	10,829	10,231	598	9,809	9,411	398
Other industries and services	11,493	9,580	1,913	9,653	8,040	1,613
Industry not reported	7,324	6,381	943	3,844	3,481	363
Inspectors, n. e. c., by industry	74,334	69,525	4,800	70,594	66,125	4,469
Mining	7,313	7,294	19	6,973	6,954	19
Construction	5,190	5,076	114	4,450	4,336	114
Railroads (incl. repair shops)	20,496	20,421	75	20,336	20,261	75
Transportation, exc. railroads	5,226	5,145	81	5,086	5,005	81
Communication and utilities	8,249	7,414	835	8,049	7,234	815
Wholesale and retail trade	5,300	3,382	1,918	4,820	3,162	1,658
Misc. industries and services <sup>1</sup>	13,560	11,793	1,767	12,880	11,173	1,707
Locomotive engineers	72,396	72,396	—	60,496	60,496	—
Locomotive firemen	48,851	48,851	—	43,851	43,851	—
Machinists, millwrights, and tool makers	661,573	655,906	5,667	600,773	604,706	5,067
Machinists	521,093	516,009	5,084	471,373	472,769	4,604
Millwrights	43,505	43,426	169	39,655	39,566	89
Tool and die makers and setters	96,885	96,471	414	92,745	92,371	374
Masons, tile setters, and stonemasons	155,976	155,389	587	102,436	102,089	347
Brickmasons, stonemasons, and tile setters	141,600	141,184	506	93,330	93,024	306
Stonemasons and stone carvers	14,286	14,205	81	9,106	9,065	41
Mechanics and repairmen, and loom fixers	974,332	969,551	4,801	863,732	859,401	4,241
Mechanics and repairmen, airplane	28,384	28,267	117	26,724	26,607	117
Mechanics and repairmen, auto	441,845	440,316	1,520	376,985	375,796	1,189
Mechanics and repairmen, railroad and car shop	43,998	43,998	—	40,218	40,218	—
Mechanics and repairmen, n. e. c.	435,431	432,372	3,050	397,391	394,552	2,889
Loom fixers	24,694	24,508	96	22,414	22,318	96
Molders, metal	87,624	87,179	445	75,904	75,559	345
Painters (construct.), paperhangers, and glaziers	480,301	475,172	5,129	354,221	350,372	3,849
Painters, constr. and maintenance	442,659	439,348	3,311	322,150	319,948	2,211
Paperhangers	29,994	28,277	1,717	25,414	23,877	1,537
Glaziers	7,648	7,547	101	6,648	6,547	101
Plasterers and cement finishers	79,500	78,186	374	52,140	51,926	214
Plasterers	52,878	52,652	226	38,958	38,792	166
Cement and concrete finishers	26,682	26,634	148	13,182	13,134	48
Plumbers, and gas and steam fitters	210,815	210,105	710	173,915	173,385	530
Printing craftsmen, exc. compositors and typesetters	66,569	65,470	1,090	61,849	60,830	1,019
Electrotypes and stereotypers	8,251	8,173	78	7,971	7,893	78
Photoengravers and lithographers	22,541	22,048	493	20,981	20,548	433
Pressmen and plate printers	35,777	35,249	528	32,897	32,389	508
Rollers and roll hands, metal	30,447	30,299	148	26,547	26,439	108
Roofers and sheet metal workers	124,315	123,775	540	104,135	103,715	420
Roofers and slaters	32,720	32,592	128	24,520	24,432	88
Tinsmiths, coppersmiths, and sheet metal workers	91,595	91,183	412	79,615	79,283	332
Shoemakers and repairers (not in factory)	65,075	65,029	646	60,195	59,609	586
Stationary engineers, crane men, and hoist men	320,285	310,252	1,033	286,125	285,352	773
Stationary engineers	200,095	199,459	636	184,255	183,739	516
Crane men, hoist men, and constr. mach'y operators	120,190	119,703	307	101,870	101,613	257
Structural and ornamental metal workers	38,631	38,369	262	27,951	27,769	182
Tailors and furriers	135,932	118,062	17,890	121,492	105,022	16,470
Tailors and tailoresses	17,155	14,982	2,173	13,915	12,142	1,773
Furriers	118,797	103,080	15,717	107,577	92,880	14,697
Other craftsmen and kindred wkr's	224,681	211,846	12,835	204,521	192,766	11,755
Decorators and window dressers	29,818	23,086	6,732	27,258	21,106	6,152
Engravers, exc. photoengravers	8,571	7,902	669	7,871	7,242	629
Heat treaters, annealers, and temperers	10,877	10,802	75	10,197	10,122	75
Inspectors, sealers, and graders, log and lumber	16,558	16,156	402	14,478	14,116	362

<sup>1</sup> Most inspectors in manufacturing industries are classified as operatives.

**NO. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Craftsmen, foremen, and kindred workers—Con.						
Other craftsmen and kindred workers—Con.						
Jewelers, watchmakers, goldsmiths, and silversmiths	36,332	34,837	1,495	33,252	31,957	1,295
Millers, grain, flour, feed, etc.	15,608	15,527	81	14,748	14,667	81
Opticians and lens grinders and polishers	12,198	11,187	1,011	11,688	10,707	981
Piano and organ tuners	5,210	5,174	45	4,880	4,794	45
Sawyers	46,915	46,604	311	42,135	41,864	271
Upholsterers	42,585	40,571	2,014	38,045	36,191	1,854
Operatives and kindred workers <sup>2</sup>	9,476,597	7,125,098	2,351,499	8,252,277	6,205,898	2,046,379
Apprentices	92,360	89,767	2,593	84,030	81,807	2,273
Carpenters' apprentices	7,428	7,366	63	5,528	5,485	43
Electricians' apprentices	3,430	3,406	24	3,070	3,046	24
Machinists' apprentices	14,198	14,125	73	13,578	13,505	73
Plumbers' apprentices	5,311	5,178	133	4,631	4,518	113
Bldg. and hand trade apps., n. e. c.	14,161	14,084	77	12,841	12,764	77
Apprentices, printing trades	10,020	9,780	240	9,360	9,140	220
Apprentices, spec. trades, n. e. c.	26,334	24,725	1,609	24,174	22,745	1,420
Apprentices, trades not specified	11,478	11,104	374	10,898	10,604	294
Attendants, filling station, parking lot, garage, and airport	234,095	230,069	4,026	213,315	200,449	3,866
Brakemen and switchmen, railroad	116,732	116,732	-----	107,432	107,432	-----
Brakemen, railroad	68,392	68,392	-----	62,652	62,652	-----
Switchmen, railroad	48,340	48,340	-----	44,780	44,780	-----
Chauffeurs, truck drivers, and delivery men	1,768,041	1,758,012	10,029	1,608,421	1,499,972	8,449
Chauffeurs and drivers, bus, taxi, truck, and tractor <sup>3</sup>	1,339,888	1,332,717	7,171	1,121,108	1,115,157	5,951
Deliverymen <sup>3</sup>	428,153	425,295	2,858	387,313	384,815	2,498
Conductors, bus and street railway	17,785	17,611	174	16,905	16,751	154
Dressmakers and seamstresses (not in factory)	165,031	2,784	162,247	135,051	2,824	133,627
Firemen, exc. locomotive and fire dept.	127,455	126,892	563	112,955	112,612	383
Laundry operatives and laundresses, exc. priv. fam.	233,763	54,096	179,667	216,263	48,296	167,967
Linemen and servicemen, telegraph, telephone and power	110,816	109,801	1,015	104,406	103,501	995
Mine operatives and laborers <sup>2</sup>	824,093	821,546	2,547	651,013	649,226	1,787
Motormen, railway, mine, factory, etc.	56,368	56,101	267	53,508	53,281	227
Motormen, street, subway, and elevated railway	38,380	38,152	228	36,760	36,572	188
Motormen (vehicle), mine, factory, logging camp, etc.	17,988	17,949	39	16,748	16,709	39
Painters, exc. constr. and maintenance	100,726	93,848	6,878	89,026	82,768	6,253
Power station operators	22,345	21,725	620	21,605	21,285	620
Sailors and deck hands, except U. S. Navy	46,078	45,861	217	35,358	35,221	137
Welders and flame-cutters	139,281	137,048	2,233	124,741	122,688	2,053
Other spec. operatives and kindred wks.	476,811	438,016	38,795	424,551	390,056	34,495
Asbestos and insulation workers	6,399	6,324	75	5,539	5,464	75
Blasters and powdermen	6,938	6,905	33	4,498	4,485	13
Boatmen, canalmen, and lock keepers	7,395	7,304	91	6,735	6,664	71
Buffers and polishers, metal	46,035	42,909	2,126	39,635	37,609	2,026
Filers, metal	10,952	10,487	465	9,472	9,027	445
Grinders, metal	45,902	45,266	636	42,462	41,846	616
Chainmen, rodmen, and axmen, surveying	10,572	10,493	79	7,572	7,553	19
Dyers	24,898	24,134	764	21,978	21,334	644
Fruit and veg. graders and packers, exc. cannery	25,965	10,993	14,972	22,125	9,333	12,702
Furnacemen, smeltermen, and pourers	33,932	33,645	287	30,472	30,225	247
Heaters, metal	11,081	10,925	156	9,221	9,085	136
Meat cutters, exc. slaughter and packing house	156,892	155,788	1,104	141,072	140,088	984
Milliners (not in factory)	12,375	600	11,655	11,155	650	10,505
Motion picture projectionists	23,875	23,619	256	22,355	22,090	256
Oilers, machinery	39,498	39,263	255	35,838	35,643	195
Photographic process workers	15,102	9,271	5,831	14,422	8,951	5,471

<sup>2</sup> Mine laborers are included in "Mine operatives and laborers," in this group.

<sup>3</sup> Drivers for bakeries, laundries, dry cleaners, stores, etc., are included in "Deliverymen."

**NO. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Operatives and kindred workers—Con.</b>						
Operatives and kindred wrks., n. e. c. by industry:						
Manufacturing.....	4,418,973	2,580,914	1,838,059	3,899,633	2,303,054	1,596,579
Food and kindred products.....	356,588	226,198	130,390	313,068	200,298	112,770
Bakery products.....	43,507	21,653	21,854	39,887	19,473	20,414
Beverage industries.....	44,345	37,720	6,625	40,585	34,680	6,005
Canning and preservg fruits, veg., and sea food.....	48,732	17,433	31,299	35,712	12,953	22,759
Confectionery.....	49,014	16,924	32,000	41,594	13,904	27,690
Dairy products.....	36,872	31,133	5,739	33,052	28,613	5,339
Grain-mill products.....	16,295	13,783	2,512	15,195	12,903	2,282
Meat products.....	89,736	70,032	19,704	81,496	62,972	18,524
Miscellaneous food industries.....	28,087	17,520	10,567	24,647	14,900	9,747
Tobacco manufactures.....	82,563	25,345	57,218	71,883	20,225	51,658
Cotton manufactures.....	383,250	204,235	179,015	355,850	188,695	167,155
Silk and rayon manufactures.....	88,463	41,345	47,118	75,983	33,925	42,058
Woolen and worsted manufactures.....	125,124	65,306	59,818	103,764	52,226	51,538
Knit goods.....	186,093	63,067	123,026	171,983	66,887	116,106
Other textile-mill products.....	128,539	76,951	51,588	114,799	68,011	46,788
Dyeing and finishing textiles.....	26,111	20,146	5,965	23,691	18,206	5,485
Carpets, rugs, and other floor coverings.....	28,815	18,435	12,380	26,775	15,175	11,600
Hats, except cloth and millinery.....	16,650	11,906	4,684	14,870	10,446	4,424
Miscellaneous textile goods.....	20,564	10,281	10,273	18,794	9,461	9,333
Not specified textile mills.....	36,409	18,123	18,286	30,699	14,723	15,946
Apparel and other fabricated textile products.....	728,843	153,152	575,691	578,663	130,832	447,831
Apparel and accessories.....	600,466	145,052	545,414	549,206	123,672	425,534
Misc. fabricated textile prod.	38,377	8,100	30,277	29,457	7,160	22,297
Lumber, furniture, and lumber prod.	195,978	169,424	26,554	174,498	150,344	24,154
Sawmills and planing mills.....	62,429	60,062	1,467	56,220	54,922	1,307
Furniture and store fixtures.....	78,062	67,051	11,011	68,982	59,051	9,931
Miscellaneous wooden goods.....	55,457	41,411	14,076	49,287	36,371	12,916
Paper, paper prod., and printing.....	231,238	147,817	83,421	212,908	136,637	76,361
Pulp, paper, and paperboard mills.....	91,040	73,797	17,243	86,280	70,117	16,163
Paperboard containers and boxes.....	40,160	19,535	20,625	36,240	17,655	18,585
Misc. paper and pulp prod.	24,655	10,828	13,832	23,095	9,983	13,112
Printing, publishing, and allied ind.	75,383	43,662	31,721	67,383	38,882	28,501
Chemicals, and petroleum and coal products.....	158,989	124,028	34,961	149,449	117,068	32,381
Paints, varnishes, and colors.....	12,338	10,600	1,738	11,438	9,840	1,598
Rayon and allied products.....	30,663	20,256	10,407	29,203	19,356	9,847
Miscellaneous chemical industries.....	82,322	60,108	22,214	76,642	56,288	20,354
Petroleum refining.....	29,237	28,751	486	28,037	27,571	466
Misc. petroleum and coal prod.	4,428	4,318	116	4,129	4,013	116
Rubber products.....	86,108	62,418	23,691	78,229	55,758	22,471
Footwear industries, exc. rubber.....	221,816	123,924	97,891	197,975	106,724	91,251
Leather and leather products, except footwear.....	80,572	52,807	27,765	70,712	45,947	24,765
Leather: tanned, curried, and finished.....	32,276	28,240	4,036	27,976	24,360	3,616
Leather products, exc. footwear.....	48,296	24,567	23,729	42,736	21,587	21,149
Stone, clay, and glass products.....	125,618	99,045	28,573	113,518	88,165	25,363
Cement, asphalt, concrete, gypsum, and plaster products.....	13,867	13,622	245	12,787	12,522	245
Cut-stone and stone products.....	5,594	5,507	87	4,294	4,227	67
Glass and glass products.....	57,133	44,234	12,899	51,013	38,854	12,159
Pottery and related products.....	25,417	16,099	9,318	23,977	14,899	9,078
Structural clay products.....	12,629	11,120	1,509	11,040	9,560	1,489
Misc. nonmetallic mineral prod.	10,978	8,463	2,515	10,418	8,103	2,315
Iron and steel, and not spec. metal industries.....	340,744	295,117	45,627	306,404	263,837	42,567
Blast furnaces, steel works, and rolling mills.....	117,950	112,674	5,285	104,719	99,934	4,785
Tin cans and other tinware.....	13,503	7,121	6,472	12,273	6,321	5,982
Misc. iron and steel industries.....	197,738	165,804	31,934	179,638	149,524	30,114
Not specified metal industries.....	11,464	9,518	1,036	9,774	8,058	1,716
Nonferrous metals and their prod.	80,550	58,569	21,981	73,550	52,849	20,701
Nonferrous metal primary prod.	19,011	16,658	2,363	17,951	15,698	2,258
Clocks, watches, jewelry, and silverware <sup>4</sup> .....	32,766	19,843	12,923	29,666	17,403	12,263
Misc. nonferrous metal prod.	28,773	22,068	6,705	25,933	19,748	6,185

<sup>4</sup> Includes metal engraving (except for printing purposes), plating, and polishing.

No. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Operatives and kindred workers—Con.						
Operatives and kindred workers, n. e. c., by industry—Con.						
Manufacturing—Con.						
Machinery	308,441	217,043	91,398	282,701	198,523	84,178
Agric. machinery and tractors	20,311	19,510	801	19,001	18,810	781
Electrical machinery and equip.	152,472	82,792	69,680	137,832	74,232	63,609
Office and store machines, equip. and supplies	22,681	15,880	6,801	21,201	14,940	6,261
Miscellaneous machinery	112,977	98,861	14,116	104,577	91,041	13,536
Auto. and automo. equip.	219,029	191,263	27,766	199,169	173,263	25,886
Trans. equip., exc. auto.	64,976	62,922	2,054	60,596	58,682	1,914
Aircraft and parts	26,390	25,238	1,152	25,570	24,478	1,002
Ship and boat bldg. and repairing	27,327	27,051	276	25,387	25,111	276
Railroad and misc. trans. equip.	11,259	10,633	626	9,639	9,093	546
Other manufacturing industries	225,451	120,938	104,513	193,831	104,138	89,693
Scientific and photographic equip. and supplies	28,587	17,475	11,112	27,367	16,615	10,752
Misc. mfg. industries	126,221	65,513	60,708	110,001	57,013	52,988
Not spec. mfg. industries	70,643	37,950	32,693	56,463	30,510	25,953
Nonmanufacturing	525,844	424,275	101,569	452,684	366,175	86,509
Agriculture, forestry, and fishery	19,405	15,801	3,604	14,585	12,381	2,204
Construction	54,904	54,652	342	39,294	39,012	282
Railroads (incl. repair shops)	67,589	67,096	493	61,629	61,216	413
Street railways and bus lines	9,375	9,278	97	8,935	8,838	97
Trucking service	2,166	2,103	63	1,706	1,663	43
Warehousing and storage	6,042	4,884	1,158	5,082	4,004	1,078
Miscellaneous transportation	8,348	8,092	256	7,568	7,332	236
Communication	2,060	1,856	204	2,000	1,796	204
Utilities	23,437	22,996	441	22,457	22,016	441
Wholesale and retail trade	152,094	102,604	49,490	135,074	91,304	43,770
Automobile storage, rental, and repair services	19,099	18,904	195	16,319	16,164	2,155
Business and misc. repair services	19,079	16,603	2,476	17,039	14,783	2,256
Laundering, cleaning, and dyeing	74,847	49,985	25,862	68,307	44,185	24,122
Hotels and misc. personal serv.	7,643	5,917	1,726	6,763	5,137	1,626
Finance, insurance, and real estate	4,866	4,560	306	4,186	3,920	266
Amusement, recreation, and related services	7,221	6,034	587	6,081	5,594	487
Professional and related services	12,317	6,950	5,367	7,677	5,730	1,947
Government	13,065	10,265	2,800	12,165	9,685	2,480
Industry not reported	22,197	16,095	6,102	15,817	11,415	4,402
Domestic service workers	2,849,394	161,411	2,187,988	2,111,314	142,231	1,969,083
Houskeepers, private family	396,160	3,129	393,031	365,320	2,889	362,431
Laundresses, private family	198,392	3,609	194,783	189,502	3,409	186,183
Servants, private family	1,754,842	154,673	1,600,169	1,556,402	135,933	1,428,460
Protective service workers	714,594	708,873	4,721	681,534	677,913	4,321
Firemen, fire department	78,822	78,822		77,782	77,782	
Guards and watchmen	236,299	233,804	2,495	212,259	210,004	2,255
Guards, watchmen, and doorkeepers	219,437	217,073	2,364	195,957	193,833	2,124
Watchmen (crossing) and bridge tenders	16,862	16,731	131	16,302	16,171	131
Policemen, sheriffs, and marshals	176,988	174,762	2,226	171,568	169,502	2,066
Policemen and detectives, govt.	130,058	120,977	981	127,858	126,977	881
Policemen and detectives, exc. govt.	20,879	20,147	732	19,279	18,587	602
Marshals and constables	8,987	8,857	180	8,727	8,617	110
Sheriffs and bailiffs	16,164	15,781	383	15,704	15,321	383
Soldiers, sailors, marines, and coast guards <sup>a</sup>	222,485	222,486		219,025	210,925	
Service workers, exc. domestic and protective	3,115,740	1,719,702	1,398,068	2,776,800	1,519,482	1,257,318
Barbers, beauticians, and manicurists	440,111	221,970	218,132	416,031	209,439	206,592
Boarding house and lodginghouse keepers	111,609	10,774	100,835	110,849	10,494	100,355
Charwomen, janitors, and porters	630,724	549,419	81,305	575,624	499,519	76,105
Charwomen and cleaners	74,670	34,517	40,153	67,710	30,857	36,853
Janitors and sextons	377,684	333,643	39,041	352,424	315,103	37,321
Porters	178,370	176,259	2,111	155,490	153,559	1,931
Cooks, except private family	335,806	203,176	132,660	276,646	160,336	116,310
Elevator operators	85,266	71,280	13,986	76,806	64,120	12,686
Housekeepers, stewards, hostesses, exc. priv. family	88,375	19,924	68,451	79,175	16,824	62,351
Practical nurses and midwives	109,287	4,949	104,338	91,107	3,909	87,198
Servants, except priv. family	353,213	161,869	191,344	316,153	141,429	174,724

<sup>a</sup>Excludes commissioned officers, professional and clerical workers, and craftsmen.

No. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Service workers, exc. domestic and protective—Continued.						
Waiters and bartenders.....	733,250	323,034	406,316	640,490	281,354	359,136
Bartenders.....	128,342	125,122	3,220	113,702	110,602	3,100
Waiters and waitresses, exc. priv. family.....	604,908	198,812	406,096	526,788	170,752	356,036
Other service wkr., exc. domestic and protective.....	228,090	152,308	75,701	193,919	132,058	61,861
Attendants, hospital and other institution.....	102,180	57,487	44,702	95,549	54,307	41,242
Attendants, profess. and personal serv., n. e. c. ....	33,005	13,347	10,658	24,465	10,627	13,888
Attendants, recreation and amusement.....	57,096	50,492	6,604	41,516	39,052	2,464
Bootblacks.....	15,377	15,005	372	14,237	13,945	292
Ushers, amusement place or assembly.....	20,432	16,067	4,365	18,152	14,127	4,025
Farm laborers and foremen.....	3,530,550	3,190,885	339,665	3,000,010	2,770,005	320,005
Farm laborers (wage workers) and farm foremen.....	2,337,310	2,223,784	113,526	1,924,800	1,828,164	96,726
Farm foremen.....	25,275	24,980	295	24,475	24,240	235
Farm laborers (wage wkr.).....	2,312,035	2,193,804	113,231	1,900,415	1,803,924	96,491
Farm laborers (unpaid family wkr.).....	1,193,240	987,101	236,139	1,185,120	941,841	223,279
Laborers exc. farm and mine.....	4,612,268	4,490,873	121,695	3,084,128	2,965,693	98,435
Fishermen and oystermen.....	62,574	62,136	438	55,274	54,876	398
Longshoremen and stevedores.....	75,103	74,681	422	63,543	63,241	302
Lumbermen, raftsmen, and woodchoppers.....	164,264	163,697	567	127,884	127,497	387
Other specified laborers.....	265,594	263,134	2,460	224,134	222,194	1,940
Garage laborers and car washers and greasers.....	59,444	58,906	448	51,864	51,456	408
Gardeners, except farm, and grounds-keepers.....	174,507	172,655	1,852	147,167	145,755	1,412
Teamsters.....	31,643	31,483	160	25,103	24,983	120
Laborers, n. e. c., by industry:						
Construction.....	1,243,534	1,236,688	6,846	437,834	435,808	2,020
Manufacturing.....	1,543,500	1,459,719	83,781	1,309,900	1,237,239	72,661
Food and kindred products.....	178,692	162,065	16,627	147,592	133,945	13,647
Bakery products.....	7,822	6,847	975	6,642	5,707	875
Beverage industries.....	21,500	20,544	962	19,006	18,164	842
Canning and preservg. fruits, veg., and sea food.....	31,938	25,783	6,155	21,938	17,743	4,195
Confectionery.....	6,848	4,917	1,931	5,868	4,117	1,751
Dairy products.....	15,507	14,745	762	14,247	13,505	742
Grain-mill products.....	20,546	20,132	414	18,306	17,912	394
Meat products.....	46,083	41,750	4,324	39,503	35,500	8,904
Miscellaneous food industries.....	28,442	27,398	1,104	22,082	21,138	944
Textile, textile prod., and apparel.....	100,614	86,243	15,371	86,994	72,943	14,051
Cotton manufacture.....	39,727	35,204	4,523	35,087	30,824	4,263
Silk and rayon mfrs.....	7,370	6,239	1,137	5,916	4,950	957
Woolen and worsted mfrs.....	13,727	12,523	1,204	10,927	9,883	1,044
Knit goods.....	5,427	3,757	1,670	4,927	3,337	1,590
Dyeing and finishing textiles.....	5,884	5,671	213	5,144	4,931	213
Carpets, rugs, and other floor coverings.....	6,541	5,814	727	6,121	5,474	647
Hats, except cloth and millinery.....	681	630	51	501	450	51
Miscellaneous textile goods.....	5,173	4,576	507	4,653	4,116	537
Not specified textile mills.....	3,631	3,230	401	2,951	2,610	341
Apparel and accessories.....	9,507	5,333	4,174	8,207	4,413	3,794
Misc. fabricated textile products.....	2,940	2,266	674	2,560	1,946	614
Lumber, furniture, and lumber prod. ....	291,950	286,922	5,037	257,398	252,922	4,477
Sawmills and planing mills.....	224,293	222,683	1,610	198,493	197,103	1,390
Furniture and store fixtures.....	31,041	30,083	958	26,901	26,063	838
Miscellaneous wooden goods.....	36,026	34,156	2,469	32,005	29,756	2,249
Paper, paper prod., and printing.....	66,843	61,437	5,406	59,923	55,037	4,886
Pulp, paper, and paperboard mills.....	43,893	42,163	1,730	39,813	38,163	1,650
Paperboard containers and boxes.....	9,658	7,043	1,715	8,418	6,003	1,515
Misc. paper and pulp products.....	4,167	3,265	902	3,647	2,865	782
Printing, publishing, and allied ind. ....	9,125	8,066	1,059	8,045	7,106	939
Chemicals, and petroleum and coal products.....	121,448	118,182	3,266	108,128	105,122	3,006
Paints, varnishes, and colors.....	5,666	5,498	168	5,186	5,018	168
Rayon and allied products.....	5,359	4,942	427	5,089	4,702	387
Misc. chemical industries.....	75,280	72,923	2,457	66,420	64,123	2,297
Petroleum refining.....	27,562	27,403	159	25,052	24,063	119
Misc. petroleum and coal prod. ....	7,571	7,516	55	6,351	6,316	35

**NO. 202.—DETAILED OCCUPATION OF PERSONS IN THE EXPERIENCED LABOR FORCE AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued**

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Laborers, except farm and mine—Con.						
Laborers, n. e. c., by industry—Con.						
Manufacturing—Continued.						
Leather and leather products	28,222	23,940	4,282	24,142	20,200	3,942
Leather: tanned, curried and finished	13,273	12,861	412	11,333	10,981	352
Footwear industries, exc. rubber	11,619	8,530	3,089	9,919	7,010	2,909
Leather products, exc. footwear	3,330	2,549	781	2,890	2,209	681
Stone, clay, and glass products	106,397	103,271	3,126	91,077	88,131	2,946
Cement, concrete, gypsum, and plaster products	26,181	26,061	120	22,781	22,661	120
Cut-stone and stone products	3,805	3,784	21	2,965	2,944	21
Glass and glass products	13,965	17,651	1,314	16,445	15,191	1,254
Pottery and related products	7,207	6,443	764	6,547	5,823	724
Structural clay products	41,278	40,751	527	34,298	33,811	487
Misc. nonmetallic mineral prod.	8,961	8,581	380	8,041	7,701	340
Iron and steel and not spec. metal industries	323,983	318,465	5,518	265,343	260,725	4,618
Blast furnaces, steel works, and rolling mills	188,280	186,979	1,301	151,080	150,219	861
Tin cans and other tinware	5,217	4,550	667	4,577	3,970	607
Misc. iron and steel industries	124,589	121,185	3,404	104,720	101,725	3,004
Not specified metal industries	5,897	5,751	146	4,957	4,811	146
Nonferrous metals and their prod.	45,118	43,232	1,886	40,738	39,012	1,726
Nonferrous metal primary prod.	25,092	25,688	304	23,512	23,248	264
Clocks, watches, jewelry, and silverware <sup>4</sup>	3,016	2,228	788	2,716	1,988	728
Misc. nonferrous metal products	16,110	15,316	794	14,510	13,776	734
Machinery	81,152	75,012	6,140	72,272	66,752	5,520
Agric. machinery and tractors	10,528	10,422	106	9,508	9,402	106
Electrical machinery and equip.	29,787	25,282	4,505	26,447	22,382	4,065
Office and store machines, equip., and supplies	1,947	1,670	277	1,727	1,450	277
Miscellaneous machinery	38,890	37,638	1,252	34,590	33,518	1,072
Auto. and auto. equipment	69,541	66,862	2,679	56,741	54,802	2,439
Trans. equip., exc. automobile	33,145	32,832	313	28,845	28,572	273
Aircraft and parts	3,841	3,763	78	3,641	3,563	78
Ship and boat bldg. and repairing	21,175	21,032	143	18,395	18,292	103
Railroad and misc. transp. equip.	8,129	8,037	92	6,809	6,717	92
Other manufacturing industries	96,386	82,256	14,130	70,706	59,576	11,130
Tobacco manufactures	18,322	11,295	4,027	10,942	8,395	2,547
Rubber products	20,139	17,639	2,500	17,339	14,999	2,340
Scientific and photographic equip. and supplies	3,092	2,524	568	3,012	2,464	548
Misc. manufacturing industries	16,270	13,304	2,966	13,970	11,304	2,666
Not spec. manufacturing industries	41,563	37,494	4,069	25,443	22,414	3,029
Nonmanufacturing	1,257,699	1,230,618	27,081	845,559	824,538	20,721
Railroads (including repair shops)	255,537	253,820	1,717	213,097	211,660	1,437
Transportation, except railroads	102,797	101,883	914	84,277	83,483	794
Street railways and bus lines	10,505	10,334	171	9,405	9,274	131
Trucking service	40,204	39,988	216	32,604	32,408	196
Warehousing and storage	25,656	25,312	344	20,196	19,892	304
Miscellaneous transportation	26,432	26,249	183	22,072	21,909	163
Communication and utilities	98,163	95,674	489	85,623	85,154	469
Communication	3,159	3,089	70	2,779	2,729	50
Utilities	93,004	92,585	419	82,844	82,425	419
Wholesale and retail trade	242,049	233,536	8,513	210,509	202,816	7,693
Personal services	22,806	17,398	5,408	19,926	14,758	5,168
Laundering, cleaning, and dyeing	13,007	8,050	4,957	11,487	6,750	4,737
Hotels and misc. personal serv.	9,799	9,348	451	8,439	8,008	431
Other nonmanufacturing ind. and serv.	538,347	528,307	10,040	282,127	226,967	5,160
Agriculture, forestry, and fishery	65,899	63,497	2,402	41,779	40,697	1,082
Automobile storage, rental, and repair service	2,862	2,843	19	2,362	2,343	19
Business and misc. repair serv.	6,771	6,512	259	5,731	5,552	179
Finance, insurance, and real estate	7,046	6,897	149	6,146	5,997	149
Amusement, recreation, and related services	16,441	16,212	229	13,741	13,552	[ 189
Professional and related services	19,082	18,052	1,030	15,782	14,892	890
Government	52,695	52,184	511	45,015	44,564	[ 451
Industry not reported	367,551	362,110	5,441	101,571	99,370	2,201
Occupation not reported	1,282,739	841,494	441,245	878,719	244,734	133,985

<sup>4</sup> Includes metal engraving (except for printing purposes), plating, and polishing.

## No. 203.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940

[For definition of "Employed (except on public emergency work)", see note 1, table 191. Classification by occupation refers to job in which engaged during week of Mar. 24-30, 1940. For total employed males and females by States, see table 206.]

DIVISION AND STATE	MALE									
	Professional and semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers	Farm laborers and foremen	Laborers, except farm and mine	Occupation not reported
	U. S.	4,901,715	3,825,767	4,380,648	4,949,132	6,205,888	2,338,926	2,770,005	2,965,893	244,734
New England	133,017	76,215	225,310	313,420	406,125	546,026	184,072	62,833	185,843	17,923
Maine	9,110	22,215	20,943	22,197	30,232	44,983	12,001	12,725	28,268	1,535
N. H.	6,155	8,518	12,578	13,230	20,650	34,433	6,819	6,033	14,394	1,262
Vt.	4,179	16,175	9,008	9,232	13,760	14,417	5,036	13,638	9,031	787
Mass.	73,688	14,746	115,561	175,405	203,070	274,027	89,793	16,430	78,020	9,058
R. I.	10,311	1,946	18,789	25,206	36,098	53,550	16,088	2,437	13,646	1,013
Conn.	20,688	11,615	48,431	68,150	102,317	126,716	34,335	11,570	41,584	4,268
Mid. Atlantic.	488,014	246,781	785,654	1,184,498	1,255,401	1,598,268	620,323	174,663	884,906	60,892
N. Y.	268,511	116,601	440,873	666,897	590,280	692,159	183,952	80,324	250,004	31,662
N. J.	82,984	20,310	128,718	194,319	216,045	248,662	88,599	21,558	107,116	10,946
Pa.	136,589	109,950	216,203	333,282	418,176	567,437	147,772	72,781	307,786	18,284
E. N. Central.	405,308	807,917	887,955	983,379	1,239,138	1,504,676	459,013	376,583	602,728	51,644
Ohio	106,921	173,056	180,884	245,985	338,028	400,249	103,582	73,328	161,608	13,418
Ind.	46,778	143,073	83,468	104,680	149,989	177,714	47,834	54,376	85,481	7,292
Ill.	132,737	183,006	220,635	347,864	364,442	430,187	165,963	90,387	176,120	14,249
Mich.	76,928	140,964	126,014	177,675	271,902	360,150	81,798	64,406	118,083	11,449
Wis.	41,945	166,019	77,854	87,205	119,690	137,376	38,836	94,086	61,425	5,236
W. N. Central.	169,541	889,213	358,636	408,684	380,329	418,016	178,059	415,746	209,124	23,061
Minn.	35,265	179,261	75,099	86,827	84,353	84,693	37,733	63,670	40,942	4,592
Iowa	29,915	204,142	67,865	69,005	74,608	77,738	26,067	56,168	41,719	5,144
Mo.	50,059	210,361	99,234	136,457	122,837	149,962	60,395	84,737	68,747	5,862
N. Dak.	6,425	71,403	15,008	11,972	9,667	8,060	4,851	33,270	4,828	1,197
S. Dak.	7,378	69,989	16,076	12,382	11,501	11,666	5,117	25,855	6,280	1,253
Nebr.	16,738	115,768	35,565	37,742	32,367	30,084	15,744	42,223	17,675	1,723
Kans.	23,761	138,289	49,759	49,179	54,936	56,823	23,152	39,822	28,033	3,290
S. Atlantic	198,488	797,230	358,174	482,264	545,528	805,771	313,794	572,930	493,187	31,435
Del.	5,117	7,448	7,460	6,495	13,180	13,151	5,152	5,871	8,668	658
Md.	30,061	81,053	48,308	75,199	90,645	92,859	40,685	33,840	61,733	4,709
Dist. of Col.	22,875	60	19,046	47,637	28,547	25,872	28,209	189	16,077	1,075
Va.	30,223	124,132	55,379	69,181	93,334	116,151	55,328	86,791	87,473	4,020
W. Va.	19,035	48,534	30,847	38,026	57,867	47,774	15,150	27,935	36,059	3,178
N. C.	26,465	239,080	67,719	65,102	86,024	159,574	44,527	130,180	82,816	6,809
S. C.	14,001	114,871	26,568	30,668	41,808	77,934	23,900	91,875	42,940	2,169
Ga.	25,665	102,320	55,797	67,250	73,181	108,305	64,453	140,098	84,718	4,847
Fla.	24,147	39,732	67,052	56,676	60,942	64,001	46,381	56,151	72,678	3,981
E. S. Central.	87,948	861,045	168,241	192,281	239,820	381,980	120,765	395,387	219,418	15,558
Ky.	24,925	202,073	48,101	54,823	70,321	117,531	35,316	99,882	41,384	4,215
Tenn.	27,006	201,013	52,395	64,727	76,901	106,374	37,665	95,682	61,342	4,229
Ala.	20,098	200,798	40,726	47,268	62,493	102,036	30,394	106,191	67,945	4,418
Miss.	15,018	267,161	25,202	25,463	30,105	36,039	17,390	93,042	48,747	2,694
W. S. Central.	145,400	890,328	305,015	381,465	383,728	380,135	204,814	468,672	271,344	18,464
Ark.	14,692	185,844	31,530	29,220	32,176	37,182	15,730	38,081	42,665	2,538
La.	22,546	134,990	44,535	55,704	57,133	73,186	37,935	85,425	73,944	2,497
Okla.	23,214	163,246	55,242	64,832	56,710	61,965	30,218	57,382	27,175	4,137
Texas	78,078	356,242	173,009	181,700	187,700	207,812	120,931	231,884	127,557	9,292
Mountain	59,998	185,581	107,699	107,704	126,828	162,595	62,187	110,447	68,855	7,189
Mont.	7,548	37,233	15,450	14,406	17,182	23,468	7,856	19,609	9,683	856
Idaho	6,618	37,304	12,841	11,182	13,891	16,792	5,261	18,585	9,527	947
Wyo.	3,325	13,656	7,532	5,503	9,416	10,891	7,308	10,769	3,956	347
Colo.	17,036	44,168	31,214	35,270	35,411	43,869	18,533	25,781	17,401	2,242
N. Mex.	6,324	26,097	10,810	9,368	12,761	16,331	5,386	16,864	7,801	759
Ariz.	7,351	13,099	12,455	12,470	15,075	22,451	8,418	14,609	9,868	831
Utah	8,329	20,175	13,292	16,385	17,951	21,220	6,375	7,394	8,117	871
Nev.	2,267	2,949	3,987	3,120	5,341	8,073	3,050	2,946	2,502	316
Pacific	188,273	188,425	328,988	401,878	442,287	426,441	240,898	186,785	250,310	18,590
Wash.	27,382	49,146	55,891	58,921	79,910	74,429	38,922	27,920	62,287	3,517
Oreg.	17,082	42,792	34,679	36,394	45,409	44,279	16,862	23,632	39,810	2,615
Calif.	143,800	96,487	238,413	306,668	316,918	307,733	185,115	135,213	148,213	12,458

## No. 203.—MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued

DIVISION AND STATE	FEMALE									
	Professional and semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers	Farm laborers and foremen	Laborers except farm and mine	Occupation not reported
U. S. ....	1,469,681	151,899	423,520	3,156,982	106,590	2,046,378	3,230,722	320,005	98,435	133,985
New England .....	118,463	2,810	24,595	263,623	11,517	265,412	201,686	1,261	8,376	10,800
Maine.....	9,793	668	2,588	15,909	591	21,531	21,618	210	927	986
N. H.....	6,327	370	1,604	10,721	440	18,047	13,147	92	491	608
Vt.....	4,822	447	1,144	6,970	210	3,943	10,559	101	246	487
Mass.....	64,779	697	12,153	149,822	6,383	138,118	102,919	417	3,080	5,741
R. I.....	8,582	89	2,022	21,324	1,328	37,473	13,663	40	521	599
Conn.....	24,160	539	4,994	55,777	2,565	66,300	39,680	401	3,121	2,379
Mid Atlantic.....	345,534	7,088	87,104	860,088	38,133	652,678	666,019	5,822	22,808	34,104
N. Y.....	190,852	3,501	49,123	488,849	18,328	309,724	364,123	2,530	8,491	17,735
N. J.....	50,946	920	13,710	139,277	5,525	132,728	92,840	1,052	5,826	6,098
Pa.....	103,736	2,575	24,271	231,962	9,280	210,220	209,056	2,281	8,289	10,271
E. N. Central.....	283,651	16,801	80,031	781,643	26,505	887,843	582,381	13,940	28,607	27,172
Ohio.....	71,079	3,069	20,301	181,117	7,247	98,466	156,499	1,752	6,208	7,075
Ind.....	31,741	2,341	10,674	76,439	2,848	48,964	67,816	1,340	4,167	3,818
Ill.....	90,934	2,823	27,065	272,754	9,264	142,271	182,239	2,101	9,738	7,744
Mich.....	54,731	3,302	14,290	131,245	5,133	63,507	112,483	1,895	5,823	5,185
Wis.....	35,166	4,366	8,601	70,088	2,013	34,635	63,344	6,852	2,671	3,350
W. N. Central.....	167,655	17,214	44,611	289,678	7,975	109,970	294,511	11,018	7,026	13,493
Minn.....	36,853	3,380	8,288	66,246	1,758	19,115	66,017	3,361	1,123	2,853
Iowa.....	33,130	2,957	7,481	51,053	1,223	14,420	53,302	1,840	1,839	3,105
Mo.....	38,875	4,251	13,690	92,767	3,247	69,058	88,438	2,488	2,320	3,319
N. Dak.....	8,058	1,273	1,672	8,050	140	1,180	11,896	688	65	633
S. Dak.....	9,075	1,166	2,178	9,525	209	1,657	11,468	807	214	723
Nebr.....	18,443	1,518	4,480	27,377	587	5,357	27,391	873	721	1,051
Kans.....	23,221	2,660	6,822	34,660	811	9,183	36,004	959	744	1,809
S. Atlantic.....	175,778	32,955	48,612	324,736	9,263	321,358	568,630	123,655	15,645	17,808
Del.....	3,084	191	953	7,613	243	4,549	8,709	226	447	412
Md.....	20,313	808	5,587	51,152	2,260	36,373	57,969	1,333	2,130	2,998
Dist. of Col.....	12,025	4	3,190	56,355	631	6,738	39,345	2	312	711
Va.....	25,977	4,454	6,359	46,392	1,364	40,892	75,896	4,737	2,709	2,162
W. Va.....	16,401	1,573	3,961	24,000	593	13,153	31,991	765	828	1,424
N. C.....	32,285	8,122	6,041	40,269	1,330	98,841	90,700	25,729	3,357	3,720
S. C.....	17,437	8,564	3,137	18,159	453	40,633	59,175	44,186	1,138	1,418
Ga.....	27,436	6,988	7,568	42,976	1,440	57,468	118,537	32,793	2,631	2,881
Fla.....	20,820	2,251	9,716	37,820	949	22,709	86,308	13,864	2,003	2,082
E. S. Central.....	81,225	37,243	22,155	124,884	4,244	107,001	264,772	92,668	5,693	8,286
Ky.....	20,108	3,769	6,733	36,755	1,673	23,130	51,036	2,167	1,404	2,157
Tenn.....	24,307	5,063	6,448	42,125	1,583	43,784	77,642	8,182	2,097	2,190
Ala.....	21,877	11,066	5,131	28,725	594	26,906	79,585	33,829	1,381	2,388
Miss.....	14,783	17,345	3,843	17,289	394	13,181	56,509	48,490	811	1,531
W. S. Central.....	118,047	25,198	41,309	201,009	4,446	65,877	343,738	58,682	4,838	9,685
Ark.....	12,605	5,763	4,660	17,471	348	5,540	37,626	11,940	656	1,389
La.....	21,322	5,402	5,858	35,169	796	14,523	78,947	18,390	1,553	1,281
Oklahoma.....	22,432	3,147	8,099	37,069	714	7,495	44,614	2,275	538	2,233
Tex.....	61,598	10,824	22,692	111,300	2,588	38,319	182,549	26,027	2,191	4,772
Mountain.....	47,381	4,880	17,182	72,714	1,572	20,475	75,308	8,021	890	8,488
Mont.....	7,075	983	2,519	9,222	143	1,503	9,990	317	66	446
Idaho.....	5,148	654	1,837	7,530	123	1,679	7,939	341	164	443
Wyo.....	3,122	307	1,148	3,774	56	656	4,481	142	19	151
Colo.....	14,663	987	6,480	25,310	624	5,562	23,804	776	380	1,124
N. Mex.....	5,173	726	1,878	6,075	208	3,724	9,086	483	55	1,361
Ariz.....	5,529	890	2,106	7,927	135	4,107	10,763	806	68	416
Utah.....	5,440	221	1,587	10,883	251	2,844	6,888	141	128	394
Nev.....	1,231	112	627	1,993	32	400	2,357	16	10	133
Pacific.....	131,927	8,774	59,121	288,697	7,895	95,767	233,779	10,010	4,654	9,191
Wash.....	20,175	2,147	9,141	43,364	1,050	11,841	37,540	1,515	909	1,665
Oreg.....	13,718	1,582	6,249	27,715	839	7,721	25,494	1,050	600	1,246
Calif.....	98,034	5,045	43,731	217,618	6,046	76,205	170,745	7,415	3,145	6,280

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 204.—PERSONS 14 YEARS OLD AND OVER IN THE LABOR FORCE (EXCEPT NEW WORKERS) IN 1940 AND GAINFUL WORKERS 14 YEARS OLD AND OVER IN 1930, IN 1920, AND IN 1910, BY SOCIAL-ECONOMIC GROUPS, BY SEX

SEX AND GROUP	NUMBER			PERCENT DISTRIBUTION				
	Labor force (except new workers) 1940 <sup>1</sup>	Gainful workers			1940	1930	1920	1910
		1930	1920	1910				
Total	52,020,023	48,504,592	41,236,188	37,271,380	100.0	100.0	100.0	100.0
Professional persons	3,381,993	2,945,605	2,049,919	1,632,185	6.5	6.1	5.0	4.4
Proprietors, managers, and officials	9,233,643	9,665,459	9,180,483	8,570,458	17.8	19.9	22.3	23.0
Farmers (owners and tenants)	5,274,706	6,012,012	6,387,358	6,132,308	10.1	12.4	15.5	16.5
Wholesale and retail dealers	2,037,900	1,766,996	1,401,751	1,245,801	3.9	3.7	3.4	3.3
Other proprietors, managers, and officials	1,921,037	1,866,481	1,391,374	1,201,280	3.7	3.8	3.4	3.2
Clerks and kindred workers	8,923,939	7,936,285	5,682,150	3,804,474	17.2	16.3	13.8	10.2
Skilled workers and foremen	6,104,985	6,282,665	5,570,533	4,363,984	11.7	12.9	13.5	11.7
Semiskilled workers	10,918,312	7,972,711	6,631,733	5,480,315	21.0	16.4	16.1	14.7
Semiskilled workers in manufacturing	(2)	4,555,905	4,352,829	3,653,808	(2)	9.4	10.6	9.8
Other semiskilled workers	(2)	3,416,806	2,279,404	1,835,507	(2)	7.0	5.5	4.9
Unskilled workers	13,457,151	13,791,837	12,121,367	13,401,944	25.9	28.4	29.4	36.0
Farm laborers	3,708,191	4,187,201	3,857,833	5,407,102	7.1	8.6	9.4	14.5
Laborers, except farm	5,566,493	6,272,700	6,018,944	5,461,957	10.7	12.9	14.6	14.7
Factory and bldg. const. laborers	(2)	3,371,492	3,131,734	2,647,096	(2)	6.9	7.6	7.1
Other laborers	(2)	2,901,208	2,887,210	2,814,861	(2)	6.0	7.0	7.6
Servant classes	4,182,467	3,331,936	2,244,600	2,532,885	8.0	6.9	5.4	6.8
Male	38,445,945	37,915,544	32,806,478	29,482,594	100.0	100.0	100.0	100.0
Professional persons	1,846,541	1,497,830	1,061,664	913,637	4.7	4.0	3.2	3.1
Proprietors, managers, and officials	8,701,805	9,169,849	8,757,526	8,183,312	22.1	24.2	26.7	27.8
Farmers (owners and tenants)	5,120,943	5,749,367	6,121,781	5,859,228	13.0	15.2	18.7	19.9
Wholesale and retail dealers	1,858,017	1,676,146	1,321,995	1,177,808	4.7	4.4	4.0	4.0
Other proprietors, managers, and officials	1,722,845	1,735,336	1,313,756	1,146,276	4.4	4.6	4.0	3.9
Clerks and kindred workers	5,268,665	4,964,778	3,400,293	2,723,293	13.4	12.8	10.6	9.2
Skilled workers and foremen	6,001,173	6,201,520	5,468,973	4,267,251	15.2	16.4	16.7	14.5
Semiskilled workers	7,336,107	5,444,413	4,371,477	3,314,088	18.6	14.4	13.3	11.2
Semiskilled workers in manufacturing	(2)	2,879,861	2,636,138	2,021,605	(2)	7.6	8.2	6.9
Other semiskilled workers	(2)	2,564,552	1,685,339	1,292,453	(2)	6.8	5.1	4.4
Unskilled workers	10,291,654	10,747,154	9,666,104	10,080,983	26.1	28.3	29.4	34.2
Farm laborers	3,362,430	3,605,736	3,162,121	4,132,237	8.5	9.5	9.6	14.0
Laborers, except farm	5,436,743	6,116,293	5,819,073	5,356,464	13.8	16.1	17.7	18.2
Factory and bldg. const. laborers	(2)	3,246,812	2,063,036	2,559,451	(2)	8.6	9.0	8.7
Other laborers	(2)	2,869,987	2,856,037	2,797,013	(2)	7.6	8.7	9.5
Servant classes	1,492,481	1,024,119	674,910	592,282	3.8	2.7	2.1	2.0
Female	12,574,078	10,679,048	8,428,707	7,788,826	100.0	100.0	100.0	100.0
Professional persons	1,535,452	1,447,775	988,255	718,548	12.2	13.6	11.7	9.2
Proprietors, managers, and officials	531,838	505,640	422,957	396,146	4.2	4.7	5.0	5.1
Farmers (owners and tenants)	153,768	226,645	265,577	273,140	1.2	2.5	3.2	3.5
Wholesale and retail dealers	179,883	111,850	79,762	67,093	1.4	1.0	0.9	0.9
Other proprietors, managers, and officials	198,192	131,145	77,618	55,013	1.6	1.2	.9	.7
Clerks and kindred workers	3,655,274	3,071,507	2,191,422	1,081,181	29.1	28.8	26.0	18.9
Skilled workers and foremen	103,812	81,145	101,554	96,738	.8	.8	1.2	1.2
Semiskilled workers	3,682,205	2,528,298	2,260,266	2,175,257	28.5	23.7	26.8	27.9
Semiskilled workers in manufacturing	(2)	1,676,044	1,666,191	1,632,203	(2)	15.7	19.8	21.0
Other semiskilled workers	(2)	852,254	594,065	543,054	(2)	8.0	7.0	7.0
Unskilled workers	3,165,497	3,044,683	2,465,263	3,220,961	25.2	28.5	29.2	42.6
Farm laborers	345,761	580,465	695,712	1,274,865	2.7	5.4	8.3	10.4
Laborers, except farm	129,750	156,401	199,871	105,493	1.0	1.5	2.4	1.4
Factory and bldg. const. laborers	(2)	125,180	168,698	87,645	(2)	1.2	2.0	1.1
Other laborers	(2)	31,221	31,173	17,848	(2)	.3	.4	.2
Servant classes	2,689,986	2,307,817	1,569,680	1,940,603	21.4	21.6	18.6	24.9

<sup>1</sup> Comprises a summation of the complete count of present occupations for employed persons (except on emergency work) and of the tabulations from Sample B (see p. 1) of usual occupations for persons on emergency work and for experienced workers seeking work. For definitions of these labor force groups, see footnotes on table 191. Figures include the distribution of 402,270 workers deducted from the semiskilled group; for detailed explanation, see source.

<sup>2</sup> Comparable figures not available.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Comparative Occupation Statistics for the United States, 1870 to 1940.

No. 205.—DETAILED INDUSTRY OF PERSONS IN THE EXPERIENCED LABOR FORCE, AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940

[Persons in the experienced labor force comprise employed persons (except on public emergency work), persons on public emergency work, and workers seeking work who had formerly worked full time for 1 month or more, see footnotes on table 191. Industry figures shown below for employed (except on public emergency work) refer to the industry in which engaged during census week, and are based on complete census returns. Industry figures for remaining experienced labor force groups, not shown separately in this table, refer to the industry in which the person was engaged when employed at his usual occupation and at which occupation he was still physically able to work, and are based on Sample B, see p. 1. Figures for "Experienced labor force," therefore, represent a summation of figures for current industry and usual industry which in turn are based on complete census returns and Sample B, respectively.]

INDUSTRY	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
All industries.....	52,020,023	39,445,945	12,574,078	45,168,083	34,027,905	11,138,178
Agriculture, forestry, and fishery.....	9,141,112	8,628,103	513,009	8,475,432	7,988,348	487,089
Agriculture.....	9,003,702	8,493,009	510,693	8,372,222	7,886,849	485,373
Forestry, exc. logging, and fishery.....	137,410	135,094	2,316	103,210	101,494	1,716
Forestry, except logging.....	68,777	67,402	1,375	43,077	42,122	955
Fishery.....	68,633	67,692	941	60,133	59,372	761
Mining.....	1,109,860	1,097,501	12,359	918,000	902,061	10,939
Coal mining.....	652,265	648,469	3,796	527,025	523,869	3,156
Crude petroleum and nat. gas production.....	207,699	202,282	5,417	183,619	178,522	5,097
Metal mining.....	137,937	136,605	1,332	117,237	116,125	1,112
Other mines and quarries.....	111,959	110,145	1,814	85,119	83,545	1,574
Sand and gravel production.....	23,454	22,934	520	20,634	20,154	480
Stone quarrying.....	58,781	58,123	658	40,341	39,883	455
Misc. nonmetallic mining.....	22,326	21,995	331	19,926	19,595	331
Not specified mining.....	6,398	6,093	305	4,218	3,913	305
Construction.....	3,508,434	3,482,712	45,722	2,056,274	2,022,032	34,242
Manufacturing.....	11,758,382	9,140,390	2,615,992	10,572,842	8,350,590	2,322,252
Food and kindred products.....	1,212,428	989,154	223,274	1,093,628	894,534	199,004
Bakery products.....	264,689	228,128	41,561	241,709	202,588	39,121
Beverage industries.....	174,108	157,068	17,040	162,328	146,248	16,080
Meat products.....	229,265	195,624	33,741	210,125	178,384	31,741
Other food industries.....	544,366	413,434	130,932	479,466	367,314	112,152
Canning and preserv. fruits, veg., and sea food.....	117,737	74,045	43,692	91,117	58,485	32,632
Confectionery.....	83,656	42,712	40,944	73,376	37,412	35,964
Dairy products.....	122,093	105,838	17,255	115,753	99,438	16,315
Grain-mill products.....	95,867	87,009	8,888	89,987	81,649	8,438
Misc. food industries.....	124,013	103,830	20,183	109,233	90,430	18,803
Tobacco manufactures.....	124,645	58,916	65,729	107,965	49,476	58,489
Textile-mill products.....	1,293,104	773,813	519,291	1,170,024	692,353	477,671
Cotton manufactures.....	*523,439	327,268	*196,171	*485,519	301,948	*183,571
Silk and rayon mfrs.....	*124,791	72,763	*52,028	*107,711	61,303	*46,408
Woolen and worsted mfrs.....	176,708	110,272	66,436	148,868	91,192	57,576
Knit goods.....	231,855	96,050	135,808	214,933	87,670	127,263
Other textile-mill products.....	236,313	167,460	68,833	212,993	150,240	62,753
Dyeing and finishing textiles.....	55,473	46,499	8,974	50,333	41,999	8,334
Carpets, rugs, and other floor coverings.....	51,073	35,397	15,676	48,013	33,237	14,776
Hats, except cloth and millinery.....	20,436	14,902	5,534	18,356	13,162	5,194
Misc. textile goods.....	38,855	25,494	13,364	35,838	23,594	12,244
Not specified textile mills.....	70,473	45,168	25,305	60,453	38,248	22,205
Apparel and other fabricated textile products.....	958,784	305,204	653,580	780,664	265,324	515,340
Apparel and accessories.....	902,892	254,205	618,687	734,812	246,005	488,807
Misc. fabricated textile prod.....	55,892	20,999	34,893	45,852	19,319	26,533
Lumber, furniture, and lumber prod.....	1,069,617	1,012,881	56,736	938,577	886,361	52,216
Logging.....	181,575	179,973	1,602	141,495	140,233	1,262
Sawmills and planing mills.....	483,879	474,612	9,267	435,559	427,072	8,487
Furniture and store fixtures.....	253,795	230,791	23,004	225,675	204,411	21,264
Misc. wooden goods.....	150,368	127,505	22,863	135,848	114,645	21,203
Paper and allied products.....	350,481	273,539	76,942	325,241	250,519	71,722
Pulp, paper, and paperboard mills.....	219,972	191,012	28,960	207,892	180,392	27,500
Paperboard containers and boxes.....	76,085	48,970	27,118	69,348	44,850	24,498
Misc. paper and pulp products.....	54,421	33,557	20,864	51,001	31,277	19,724
Printing, publishing, and allied ind.....	683,237	543,383	139,854	630,677	501,583	129,094
Chemicals and allied products.....	466,685	384,741	81,944	439,645	362,241	77,604
Rayon and allied products.....	53,054	39,744	13,310	50,914	38,224	12,690
Other chemical and allied products.....	413,631	344,997	68,634	383,931	324,017	64,914
Paints, varnishes, and colors.....	47,378	41,018	6,360	44,798	38,798	6,000
Miscellaneous chemical industries.....	366,253	303,979	62,274	344,133	285,219	58,914
Petroleum and coal products.....	212,020	197,261	14,759	201,180	188,821	14,359
Petroleum refining.....	186,419	172,814	13,605	178,019	164,794	13,225
Misc. petroleum and coal prod.....	25,601	24,447	1,154	23,161	22,027	1,184

\*Because of a tabulating error discovered too late for correction, the figures for "Cotton manufactures" include about 2,200 employed females who should have been tabulated as in "silk and rayon manufactures."

No. 205.—DETAILED INDUSTRY OF PERSONS IN THE EXPERIENCED LABOR FORCE, AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued

INDUSTRY	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
<b>Manufacturing—Continued.</b>						
Rubber products.....	173,481	184,819	38,662	159,021	122,219	36,802
Leather and leather products.....	407,183	257,049	150,184	364,443	225,529	138,914
Footwear industries exc. rubber.....	278,448	163,352	115,096	249,928	142,492	107,436
Leather and leather prod. exc. footwear.....	123,735	93,697	35,038	114,515	83,037	31,478
Leather: Tanned, curried, and finished.....	59,366	53,156	6,210	52,236	46,596	5,630
Leather prod. exc. footwear.....	69,359	40,541	28,828	62,289	36,441	25,848
Stone, clay, and glass products.....	372,905	327,941	44,064	336,745	293,521	43,224
Glass and glass products.....	113,907	93,797	20,200	103,617	84,337	19,280
Structural clay products.....	77,358	73,553	3,805	67,198	63,473	3,725
Other stone and clay products.....	181,550	160,591	20,959	165,930	145,711	20,219
Cement and concrete, gypsum, and plaster prod.....	73,815	71,299	2,516	67,855	65,899	2,456
Cut-stone and stone products.....	29,412	28,134	1,278	24,282	23,054	1,198
Pottery and related products.....	41,544	29,633	11,911	38,084	27,413	11,571
Misc. nonmetallic mineral prod.....	36,779	31,525	5,254	34,839	29,845	4,994
Iron and steel and their products.....	1,411,715	1,312,483	99,232	1,263,215	1,160,623	93,592
Blast furnaces, steel works, and rolling mills.....	618,699	598,897	19,802	543,319	524,917	18,402
Other iron and steel products.....	793,016	713,586	79,430	719,896	644,706	75,190
The cans and other tinware.....	37,471	28,237	9,234	34,701	26,237	8,554
Misc. iron and steel industries.....	755,545	655,349	70,196	685,105	618,469	66,636
Nonferrous metals and their prod.....	303,074	260,770	42,304	279,454	239,370	40,084
Nonferrous metal primary prod.....	98,114	89,776	6,338	90,254	84,176	6,078
Clocks, watches, jewelry, and silverware <sup>1</sup> .....	79,966	58,266	21,700	73,166	52,566	20,600
Misc. nonferrous metal prod.....	126,994	112,728	14,266	116,034	102,628	13,406
Machinery.....	1,148,010	974,279	178,731	1,072,250	909,039	163,211
Electrical mach. and equip.....	403,104	298,923	109,181	374,684	273,483	101,201
Machinery, except electrical.....	744,908	680,356	64,550	697,566	635,556	62,010
Agri. machinery and tractors.....	91,307	86,391	5,006	80,797	81,911	4,886
Office and store machines, equip., and supplies.....	64,877	51,327	13,550	61,797	49,047	12,750
Miscellaneous machinery.....	588,632	542,638	45,994	548,072	504,598	44,374
Transportation equipment.....	962,403	898,556	63,847	880,803	820,876	50,927
Aircraft and parts.....	110,831	106,106	4,725	107,131	102,526	4,605
Automobiles and automobile equip.....	634,711	581,310	53,401	574,021	525,010	49,021
Ship and boat bldg. and repairing.....	105,524	162,265	3,259	153,364	150,265	3,099
Railroad and misc. trans. equip.....	51,337	48,875	2,462	45,377	43,075	2,302
Other manufacturing industries.....	606,610	435,601	171,009	526,110	375,201	150,009
Not specified metal industries.....	45,267	40,709	4,558	39,847	35,609	4,238
Scientific and photographic equip. and supplies.....	82,861	60,340	22,521	79,841	57,980	21,861
Misc. manufacturing industries.....	249,691	183,106	86,585	222,851	145,806	77,045
Not specified industries.....	228,791	171,446	57,345	183,571	138,806	47,765
Transport., commun., and other public utilities.....	3,410,553	3,052,487	358,086	3,113,353	2,768,287	345,088
Transportation.....	2,429,451	2,346,905	82,456	2,177,671	2,100,015	77,656
Air transportation.....	24,856	22,458	2,397	23,175	20,378	2,297
Railroads and railway express.....	1,237,839	1,200,361	37,478	1,135,019	1,099,361	35,668
Railroads (incl. repair shops).....	1,201,776	1,166,098	35,678	1,100,496	1,066,558	33,938
Railway express service.....	36,068	34,263	1,800	34,523	32,803	1,720
Street railways and bus lines.....	212,150	203,443	8,707	202,670	194,363	8,307
Trucking service and warehousing.....	577,356	557,243	20,113	488,316	470,023	18,793
Trucking service.....	506,503	492,250	14,253	427,623	414,250	13,373
Warehousing and storage.....	70,853	64,993	5,860	61,103	55,773	5,420
Water transportation.....	216,328	210,158	6,170	181,428	175,998	5,470
Other transportation.....	160,923	153,382	7,691	146,528	139,392	7,131
Petroleum and gasoline pipe lines.....	19,336	18,991	345	17,636	17,191	345
Taxicab service.....	91,673	89,708	1,965	88,908	82,128	1,865
Services incidental to trans.....	31,727	28,785	2,942	29,047	26,285	2,762
Not specified transportation.....	18,187	15,848	2,339	15,947	13,788	2,159
Communication.....	410,480	193,023	217,457	303,300	182,763	210,537
Telephone and telegraph (wire and radio).....	383,815	171,750	212,065	368,715	163,270	205,445
Telephone (wire and radio).....	325,640	129,601	195,939	315,380	125,461	189,919
Telegraph (wire and radio).....	63,275	42,149	16,126	53,335	37,809	15,526
Radio broadcasting and television.....	26,665	21,273	5,392	24,585	19,493	5,092
Utilities.....	570,622	512,469	53,153	542,382	485,489	56,893
Electric light and power.....	350,832	306,448	44,884	335,892	292,508	43,384
Gas works and steam plants.....	90,554	81,286	9,268	86,294	77,166	9,128
Water and sanitary services.....	129,236	124,735	4,501	120,196	115,815	4,381

<sup>1</sup> Includes metal engraving (except for printing purposes), plating, and polishing.

No. 205.—DETAILED INDUSTRY OF PERSONS IN THE EXPERIENCED LABOR FORCE, AND OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX: 1940—Continued

INDUSTRY	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
Wholesale and retail trade.....	8,201,728	5,976,588	2,225,140	7,538,768	5,509,928	2,029,540
Wholesale (trade).....	1,294,001	1,099,434	194,567	1,206,761	1,024,914	181,847
Retail trade.....	6,907,727	4,877,154	2,030,573	6,332,007	4,484,314	1,847,693
Food and dairy products stores, and milk retailing.....	1,601,783	1,306,908	294,787	1,489,303	1,206,548	282,755
Food stores, exc. dairy products.....	1,432,554	1,154,737	277,817	1,331,294	1,065,077	266,217
Dairy prod. stores and milk retail.....	169,229	152,171	17,058	158,009	141,471	16,538
General mdse. and variety stores.....	890,400	347,673	542,727	802,640	318,173	484,487
General merchandise stores.....	797,651	323,038	474,613	716,791	294,578	422,213
Limited price variety stores.....	92,749	24,635	68,114	85,549	23,595	62,254
Apparel and accessories stores.....	555,373	294,940	240,435	489,273	268,380	220,893
Apparel and access. exc. shoes.....	460,161	232,819	227,342	420,361	212,279	208,582
Shoe stores.....	75,212	62,121	13,091	68,412	56,101	12,311
Furniture, home furnishings, and equip. stores.....	287,586	239,962	47,624	267,486	222,242	45,244
Furniture and house furnishings.....	187,426	153,283	34,143	175,046	142,483	32,563
Household appliance and radio.....	100,160	86,679	13,481	92,440	79,759	12,681
Motor vehicles and access. retailing.....	350,107	318,519	31,588	331,207	301,059	30,143
Filling stations.....	433,404	419,420	13,084	408,104	394,440	13,664
Drug stores.....	241,277	183,998	57,279	224,697	170,798	53,899
Eating and drinking places.....	1,263,682	720,422	543,260	1,116,202	637,562	478,640
Hardware, farm impl., and bldg. material retail.....	384,817	344,619	40,108	361,917	323,119	38,798
Hdwe. and farm impl. stores.....	149,370	132,206	17,164	143,710	127,046	16,664
Lumber and bldg. material retail.....	235,447	212,413	23,084	218,207	196,073	22,134
Other retail stores.....	919,298	700,693	218,605	841,178	641,993	199,185
Liquor stores.....	43,477	38,862	4,615	41,637	37,122	4,515
Retail florists.....	41,571	29,329	12,242	39,151	27,349	11,802
Jewelry stores.....	63,004	48,418	14,586	60,084	46,258	13,826
Fuel and ice retailing.....	200,722	187,073	13,649	179,922	166,793	13,129
Miscellaneous retail stores.....	344,328	259,161	85,167	324,628	243,721	80,907
Not specified retail trade.....	226,196	137,850	88,346	195,756	120,750	75,006
Finance, insurance, and real estate.....	1,548,557	1,076,837	472,220	1,487,597	1,013,297	454,300
Banking and other finance.....	499,040	347,924	151,116	475,660	329,664	145,996
Insurance and real estate.....	1,049,517	728,413	321,104	991,937	633,633	308,304
Insurance.....	545,964	352,087	192,977	524,724	338,587	136,137
Real estate.....	503,553	375,426	128,127	467,213	345,046	122,167
Business and repair services.....	983,814	900,417	88,197	864,254	787,377	76,877
Auto. storage, rental, and repair serv.....	555,352	541,305	14,047	479,592	466,305	13,287
Business and repair serv., exc. auto.....	428,262	359,112	69,150	384,662	321,072	63,590
Advertising.....	79,035	58,419	20,616	71,515	52,439	19,076
Bus. services, exc. advertising.....	161,452	119,287	42,185	146,712	108,007	38,705
Misc. repair serv. and hand trades.....	187,775	181,426	6,349	166,435	160,626	5,809
Personal services.....	4,439,287	1,255,378	3,180,882	4,009,317	1,133,555	2,875,762
Domestic service.....	2,606,519	309,703	2,296,816	2,326,879	266,943	2,059,936
Hotels and lodging places.....	607,575	303,755	303,820	552,655	266,755	285,900
Laundering, cleaning, and dyeing.....	475,303	244,073	231,230	442,803	225,933	216,870
Misc. personal services.....	749,860	400,844	349,016	686,980	373,924	313,056
Amusement, recreation, and related services.....	481,482	384,343	97,139	395,342	316,063	79,279
Theaters and motion pictures.....	195,409	143,724	51,085	165,129	123,304	44,825
Misc. amusement and recreation.....	286,073	240,619	45,454	227,213	192,759	34,454
Professional and related services.....	3,519,281	1,555,868	1,963,328	3,317,581	1,472,458	1,845,128
Educational services.....	1,684,548	588,177	1,096,371	1,564,088	544,097	1,020,891
Medical and other health services.....	1,058,995	436,871	622,124	1,018,815	425,571	593,244
Legal, engineering, and misc. professional services.....	378,852	273,320	105,532	348,712	252,960	95,752
Charitable, religious, and membership organizations.....	396,886	257,585	139,301	385,066	249,825	135,241
Government.....	1,867,507	1,494,529	372,978	1,753,487	1,414,069	339,418
Postal service.....	311,684	277,697	33,987	306,084	272,817	33,267
National defense.....	310,273	302,016	8,257	305,113	297,136	7,977
Government, n. e. c. ....	1,245,550	914,816	330,734	1,142,290	844,116	298,174
Federal government, n. e. c. ....	337,174	224,785	112,389	294,114	195,565	98,549
State and local government, n. e. c. ....	908,376	690,031	218,345	848,176	648,551	199,625
Industry not reported.....	2,052,256	1,418,210	634,046	688,836	450,570	238,286

Source: Department of Commerce, Bureau of the Census; Sixteenth Census releases, Series P-14, No. 13.

## LABOR FORCE

## No. 206.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940

[For definition of "Employed (except on public emergency work)," see note 1, table 101. Classification by industry refers to job in which engaged during week of Mar. 24-30, 1940.]

DIVISION AND STATE	MALE						
	All industries	Agriculture, forestry, and fishery	Mining	Construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale and retail trade
United States.....	34,027,905	7,988,343	802,081	2,022,032	8,250,590	2,768,267	5,509,228
New England.....	2,131,784	166,358	4,505	138,883	833,938	153,089	382,588
Maine.....	204,215	38,756	555	11,906	68,160	15,062	31,473
New Hampshire.....	124,072	15,559	308	8,895	49,914	7,602	18,639
Vermont.....	98,153	30,283	1,435	5,555	22,767	6,821	12,264
Massachusetts.....	1,050,678	40,153	1,449	67,048	400,369	84,611	209,298
Rhode Island.....	179,082	5,461	177	12,838	78,960	10,844	33,181
Connecticut.....	477,574	26,146	581	32,666	213,768	28,149	77,783
Middle Atlantic.....	7,059,570	442,137	285,385	453,940	2,210,034	700,217	1,320,225
New York.....	3,521,163	206,354	8,614	236,768	968,453	363,343	739,205
New Jersey.....	1,120,137	47,488	3,461	76,994	413,381	111,847	202,725
Pennsylvania.....	2,418,270	188,295	223,310	140,183	828,200	225,027	378,206
East North Central.....	7,078,388	1,207,887	112,270	373,856	2,412,359	598,701	1,142,140
Ohio.....	1,792,164	252,735	32,102	99,325	652,102	156,869	287,597
Indiana.....	901,555	201,228	13,315	49,357	284,027	72,676	134,705
Illinois.....	2,127,498	279,669	48,715	114,698	637,213	223,327	389,814
Michigan.....	1,427,489	210,543	15,679	71,809	613,349	87,731	207,873
Wisconsin.....	820,672	263,712	2,459	38,767	225,168	53,098	122,151
West North Central.....	3,550,888	1,419,016	45,919	179,516	439,288	287,681	575,023
Minnesota.....	722,505	275,987	7,840	36,828	95,017	58,038	122,114
Iowa.....	692,431	303,619	6,313	35,592	82,197	50,522	107,078
Missouri.....	988,641	298,820	12,326	55,849	179,997	87,961	172,295
North Dakota.....	166,741	105,027	972	4,040	4,272	9,129	21,119
South Dakota.....	167,497	98,382	2,840	6,125	7,965	7,775	21,940
Nebraska.....	345,629	159,532	593	16,749	25,024	29,721	55,158
Kansas.....	466,944	179,649	15,035	24,533	44,766	44,515	76,319
South Atlantic.....	4,678,782	1,426,249	151,829	286,251	958,159	816,154	610,421
Delaware.....	76,200	13,784	99	6,847	22,801	7,380	10,614
Maryland.....	509,990	70,471	8,904	38,723	141,781	52,544	82,389
District of Columbia.....	189,587	553	123	19,379	19,210	17,798	36,776
Virginia.....	722,026	219,856	24,065	47,944	145,772	58,873	86,668
West Virginia.....	424,405	77,211	112,773	20,455	77,479	36,342	45,975
North Carolina.....	888,296	374,670	2,871	46,460	225,490	37,478	100,089
South Carolina.....	466,773	208,957	1,815	22,142	110,706	17,600	49,045
Georgia.....	506,694	348,529	4,031	41,127	148,407	46,533	98,110
Florida.....	484,811	112,213	2,568	43,165	66,513	41,597	100,805
East South Central.....	2,682,419	1,270,839	106,464	129,917	380,876	150,733	286,298
Kentucky.....	698,571	303,512	60,239	35,140	77,144	49,029	78,584
Tennessee.....	728,203	299,548	14,326	42,312	128,081	46,641	94,566
Alabama.....	682,366	311,540	30,024	23,478	129,707	35,240	68,041
Mississippi.....	553,279	356,239	1,875	23,987	54,984	19,828	45,107
West South Central.....	8,279,385	1,828,991	112,944	187,488	371,096	224,838	504,166
Arkansas.....	485,846	283,740	5,848	17,069	55,339	22,599	40,108
Louisiana.....	587,901	232,061	14,474	34,612	87,888	46,259	83,323
Oklahoma.....	530,128	212,690	32,954	26,517	45,854	28,875	84,571
Texas.....	1,676,495	601,500	59,668	109,360	184,515	126,305	287,164
Mountain.....	1,014,383	322,444	79,747	65,888	99,880	95,386	182,348
Montana.....	153,300	68,198	13,407	8,759	12,984	13,711	21,623
Idaho.....	132,748	57,781	6,673	7,133	11,688	9,364	19,319
Wyoming.....	72,703	26,007	6,225	4,121	4,322	8,503	9,154
Colorado.....	271,025	72,097	15,748	17,628	30,812	25,864	48,440
New Mexico.....	112,500	43,901	8,763	8,305	5,923	8,633	16,680
Arizona.....	117,427	30,824	12,701	8,714	9,534	10,493	20,718
Utah.....	120,109	28,451	10,018	7,975	13,913	13,911	21,296
Nevada.....	34,551	6,185	6,212	3,063	1,754	4,907	5,118
Pacific.....	2,672,898	418,422	52,998	206,513	544,010	246,988	526,019
Washington.....	478,325	84,434	5,352	37,005	120,019	46,023	81,206
Oregon.....	303,564	70,411	2,902	20,445	74,184	27,687	51,108
California.....	1,801,017	258,577	44,744	149,068	349,807	173,278	395,705

## No. 206.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued

DIVISION AND STATE	MALE—continued						
	Finance, insurance, and real estate	Business and repair services	Personal services	Amuse- ment, rec- reation, and related services	Profes- sional and related services	Government	
						Industry not re- ported	
United States.....	1,013,297	787,377	1,133,555	916,083	1,472,453	1,414,069	450,570
New England.....							
Maine.....	70,430	51,745	82,187	17,748	108,121	98,949	33,293
3,586	5,170	6,504	1,457	8,253	9,295	4,029	
New Hampshire.....	2,314	3,170	4,409	858	5,562	4,440	2,347
Vermont.....	1,657	2,424	2,629	519	3,748	4,318	1,763
Massachusetts.....	39,847	26,533	42,603	9,898	59,702	53,413	15,759
Rhode Island.....	4,790	3,959	7,093	1,520	8,062	10,217	2,030
Connecticut.....	18,236	10,480	18,839	3,501	22,794	17,266	7,365
Middle Atlantic.....	341,475	183,588	290,988	74,541	374,017	309,185	128,882
New York.....	216,106	101,091	172,664	47,221	212,765	182,687	65,807
New Jersey.....	58,442	28,654	43,953	9,678	54,253	46,224	23,037
Pennsylvania.....	66,927	53,841	74,369	17,164	106,999	80,284	34,988
East North Central.....	195,377	187,569	195,903	60,456	298,871	236,011	81,938
Ohio.....	46,642	41,835	49,581	15,573	78,500	57,956	21,337
Indiana.....	19,770	19,932	21,717	6,728	39,420	25,947	12,672
Illinois.....	80,313	57,900	71,875	21,086	94,855	84,193	24,010
Michigan.....	32,014	29,970	34,095	11,453	53,100	43,543	14,900
Wisconsin.....	16,638	17,871	17,735	5,666	33,016	24,372	9,019
West North Central.....	89,173	87,145	87,482	27,440	160,722	118,578	43,505
Minnesota.....	19,096	17,958	17,575	6,233	32,477	25,939	7,403
Iowa.....	14,811	16,418	13,733	4,943	27,772	18,808	10,565
Missouri.....	30,751	24,499	31,725	7,581	42,244	32,143	12,650
North Dakota.....	2,239	3,602	2,485	972	6,109	4,997	1,778
South Dakota.....	2,496	3,871	2,689	1,317	6,996	5,283	1,818
Nebraska.....	9,014	8,838	8,016	2,741	14,168	12,814	3,261
Kansas.....	10,766	11,959	11,229	3,653	20,956	18,534	6,030
South Atlantic.....	92,445	77,572	157,892	84,211	158,579	251,320	57,700
Delaware.....	1,952	1,600	2,815	569	2,812	3,208	1,719
Maryland.....	16,252	11,489	17,842	5,204	22,639	37,316	9,396
District of Columbia.....	9,558	4,539	11,670	2,066	13,997	51,677	2,236
Virginia.....	13,584	11,287	21,601	4,078	23,127	56,464	8,717
West Virginia.....	5,540	6,440	8,598	2,486	16,270	9,764	5,072
North Carolina.....	11,344	12,700	24,348	4,784	25,271	21,634	11,058
South Carolina.....	5,985	5,724	12,280	2,074	12,641	14,400	3,895
Georgia.....	13,811	12,039	26,097	4,582	22,426	32,868	18,334
Florida.....	14,419	11,664	32,641	8,568	19,306	23,989	17,273
East South Central.....	37,159	39,618	67,573	12,058	76,820	68,207	27,857
Kentucky.....	10,693	12,554	16,341	4,060	21,733	21,642	7,900
Tennessee.....	12,930	12,620	22,249	3,621	24,025	18,336	7,998
Alabama.....	9,379	8,488	16,912	2,666	17,812	16,988	7,031
Mississippi.....	4,157	5,956	12,071	1,711	13,250	9,191	4,928
West South Central.....	67,772	71,350	109,652	24,778	121,597	116,056	38,137
Arkansas.....	5,062	7,030	10,355	2,393	13,483	9,608	5,912
Louisiana.....	11,056	10,544	19,673	4,684	20,069	18,072	5,736
Oklahoma.....	11,913	13,369	15,843	4,523	24,871	20,284	7,859
Texas.....	39,741	40,407	63,781	13,178	63,174	68,092	18,580
Mountain.....	19,899	26,735	29,828	9,668	47,788	50,876	18,601
Montana.....	2,362	3,700	3,375	1,115	5,649	6,861	1,606
Idaho.....	1,927	3,216	2,976	1,229	5,387	4,256	1,799
Wyoming.....	900	1,692	1,841	568	2,849	6,782	739
Colorado.....	7,619	8,351	9,054	2,478	14,368	14,653	3,913
New Mexico.....	1,388	2,803	3,344	831	5,537	4,591	1,801
Arizona.....	2,061	3,000	4,660	1,342	6,101	5,796	1,483
Utah.....	3,138	3,138	3,228	1,171	6,550	5,630	1,660
Nevada.....	504	835	1,350	929	1,317	1,807	600
Pacific.....	99,567	82,057	112,132	55,168	135,988	167,377	30,707
Washington.....	13,737	12,644	14,434	4,316	22,174	31,236	5,645
Oregon.....	7,492	8,392	8,784	2,791	13,651	11,494	4,183
California.....	78,338	61,021	88,914	48,061	100,083	124,547	20,879

## LABOR FORCE

No. 206.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued

DIVISION AND STATE	FEMALE						Whole-sale and retail trade
	All in-dustries	Agricul-ture, for-estry, and fishery	Mining	Con-struction	Manu-facturing	Trans-portation, com-munica-tion, and other public utilities	
United States.....	11,138,178	487,089	10,939	34,242	2,322,252	345,086	2,029,540
New England.....							
Maine.....	928,343	4,861	128	2,725	335,851	26,656	135,751
Maine.....	74,821	966	7	144	23,482	2,123	10,314
New Hampshire.....	51,027	521	10	113	19,616	1,348	6,307
Vermont.....	28,929	582	20	56	4,708	1,035	4,080
Massachusetts.....	484,109	1,456	66	1,567	163,798	15,427	78,324
Rhode Island.....	85,641	164	12	226	42,310	1,887	11,584
Connecticut.....	202,016	1,162	18	619	81,939	4,881	25,212
Middle Atlantic.....	2,714,174	14,386	2,018	9,599	792,118	87,899	456,320
New York.....	1,453,355	6,816	285	5,615	388,957	49,337	243,497
New Jersey.....	448,922	2,322	99	1,384	158,468	15,080	62,504
Pennsylvania.....	811,897	5,238	1,632	2,600	244,691	23,473	150,319
East North Central.....	2,178,474	32,068	1,188	7,508	508,136	78,998	478,845
Ohio.....	552,813	5,497	328	2,012	131,095	16,827	121,067
Indiana.....	250,148	4,090	155	840	61,558	7,505	53,473
Illinois.....	746,933	5,533	493	2,049	184,276	34,349	170,870
Michigan.....	397,404	5,526	107	1,335	86,144	12,636	87,875
Wisconsin.....	231,086	11,452	45	661	46,063	7,681	46,370
West North Central.....	963,149	30,173	488	2,808	117,419	35,774	214,154
Minnesota.....	208,994	7,009	95	628	20,942	7,125	50,582
Iowa.....	170,350	5,403	30	616	16,530	6,140	37,835
Missouri.....	308,453	7,220	132	844	64,907	11,058	65,859
North Dakota.....	33,655	1,997	15	43	730	1,029	6,349
South Dakota.....	37,017	2,056	27	83	1,304	1,169	8,072
Nebraska.....	87,798	2,622	13	261	4,701	4,054	19,321
Kansas.....	116,882	3,366	176	334	8,305	5,199	26,126
South Atlantic.....	1,636,316	159,714	887	3,782	315,292	32,384	209,085
Delaware.....	26,427	461	8	122	6,842	530	4,124
Maryland.....	180,621	2,280	30	565	38,697	5,807	32,410
District of Columbia.....	119,313	20	2	351	3,028	3,334	15,805
Virginia.....	211,032	9,707	111	593	41,900	5,227	28,928
West Virginia.....	94,686	2,387	596	245	14,103	2,703	18,410
North Carolina.....	310,394	34,380	43	502	100,049	3,645	26,623
South Carolina.....	194,300	52,845	16	221	40,217	1,577	12,859
Georgia.....	300,718	40,554	47	567	56,822	5,657	31,569
Florida.....	198,622	17,080	44	596	13,625	3,814	33,361
East South Central.....	748,161	130,615	574	1,428	104,528	14,257	95,215
Kentucky.....	148,092	6,086	313	467	22,660	4,315	27,747
Tennessee.....	213,511	13,481	71	478	43,435	4,723	31,069
Alabama.....	211,482	45,041	148	319	25,652	3,230	21,864
Mississippi.....	174,176	66,008	42	164	11,781	1,989	14,545
West South Central.....	872,815	85,111	3,888	2,271	48,089	24,740	167,577
Arkansas.....	98,098	17,795	54	162	4,377	2,017	15,172
Louisiana.....	183,241	24,067	345	424	11,732	4,264	29,297
Oklahoma.....	125,616	5,635	2,055	341	4,904	4,487	29,012
Texas.....	402,860	37,614	1,384	1,344	27,076	13,972	94,096
Mountain.....	246,891	8,908	694	659	15,344	8,259	57,446
Montana.....	32,264	1,580	119	79	813	1,172	7,692
Idaho.....	25,858	1,081	62	54	871	1,064	6,635
Wyoming.....	13,856	584	57	23	279	492	3,187
Colorado.....	78,710	1,949	149	241	4,755	3,133	18,906
New Mexico.....	27,769	1,268	68	59	3,050	667	4,953
Arizona.....	32,745	1,831	105	111	3,055	796	6,771
Utah.....	28,777	414	84	68	2,401	1,671	7,609
Nevada.....	6,911	201	50	24	110	259	1,693
Pacific.....	849,855	21,283	1,116	3,483	85,477	35,119	215,337
Washington.....	129,347	3,998	77	436	10,988	5,492	34,911
Oregon.....	86,244	2,970	51	255	7,385	3,116	22,586
California.....	634,264	14,266	988	2,702	67,104	20,511	157,840

## INDUSTRIAL GROUPS

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No. 206.—MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS (EXCEPT ON PUBLIC EMERGENCY WORK), BY SEX, BY STATES: 1940—Continued

DIVISION AND STATE	FEMALE—continued						
	Finance, insurance, and real estate	Business and repair services	Personal services	Amuse- ment, rec- reation, and related services	Profession- al and related services	Govern- ment	Industry not re- ported
United States.....	454,300	76,877	2,875,762	79,279	1,845,128	839,418	238,268
New England.....	40,292	4,994	176,422	4,192	154,342	22,058	20,141
Maine.....	1,634	286	19,821	325	12,231	2,036	1,447
New Hampshire.....	1,198	230	11,645	175	8,448	1,307	1,000
Vermont.....	859	147	9,706	99	6,045	887	725
Massachusetts.....	22,835	3,132	86,889	2,548	85,075	11,840	11,154
Rhode Island.....	2,468	313	12,333	250	11,176	1,706	1,262
Connecticut.....	11,298	886	36,028	735	31,367	4,282	4,544
Middle Atlantic.....	139,422	24,031	581,324	21,337	439,072	64,977	81,875
New York.....	82,363	16,678	320,757	14,662	241,392	34,950	48,016
New Jersey.....	29,699	2,898	86,284	2,203	64,992	8,921	14,049
Pennsylvania.....	27,360	4,455	174,258	4,472	132,688	21,106	19,610
East North Central.....	90,662	18,841	480,241	14,889	367,155	55,453	44,865
Ohio.....	20,534	4,114	127,395	3,586	94,194	14,972	11,202
Indiana.....	9,071	1,501	56,912	1,458	41,131	6,832	5,613
Illinois.....	36,902	8,136	152,833	5,600	115,609	15,683	13,940
Michigan.....	16,064	3,605	91,296	2,998	69,890	11,543	8,605
Wisconsin.....	8,091	1,485	51,805	1,187	46,418	6,423	5,405
West North Central.....	41,162	6,699	247,310	5,961	209,270	32,246	18,682
Minnesota.....	9,628	1,646	51,869	1,368	47,318	6,841	3,943
Iowa.....	7,008	1,276	44,083	1,120	40,731	4,849	4,729
Missouri.....	13,005	2,243	78,112	1,857	50,444	7,635	5,137
North Dakota.....	913	124	9,716	131	9,692	2,084	832
South Dakota.....	1,044	178	8,933	193	10,900	2,132	926
Nebraska.....	4,859	603	23,084	567	22,255	3,878	1,570
Kansas.....	4,705	629	31,513	725	27,932	4,827	2,645
South Atlantic.....	38,182	5,387	546,121	6,874	214,469	78,008	26,173
Delaware.....	917	144	7,779	88	3,913	645	854
Maryland.....	6,972	944	51,324	951	27,215	8,729	4,997
Dist. of Columbia.....	6,062	739	35,180	644	15,830	37,822	1,496
Virginia.....	5,329	596	72,716	835	32,263	9,527	3,291
West Virginia.....	1,838	370	28,626	473	19,143	3,556	2,143
North Carolina.....	4,072	581	91,085	933	38,418	5,361	4,707
South Carolina.....	2,067	256	58,828	480	20,175	2,897	1,362
Georgia.....	5,548	880	116,613	1,102	32,560	5,051	3,748
Florida.....	6,357	857	83,970	1,368	24,957	4,418	3,075
East South Central.....	14,755	2,277	255,509	2,652	98,524	16,768	11,059
Kentucky.....	4,452	779	47,842	685	25,236	4,404	3,007
Tennessee.....	5,288	806	75,452	815	30,071	4,852	2,964
Alabama.....	3,305	468	77,790	686	25,565	4,418	3,061
Mississippi.....	1,710	229	54,425	516	17,652	3,088	2,027
West South Central.....	27,629	3,920	322,982	6,947	143,427	24,044	13,240
Arkansas.....	2,072	259	35,667	507	15,049	3,100	1,867
Louisiana.....	3,938	629	74,121	1,290	26,327	4,847	1,960
Oklahoma.....	5,111	724	40,249	961	26,889	5,156	3,092
Texas.....	16,508	2,308	172,945	3,189	75,162	10,941	6,321
Mountain.....	9,201	1,762	63,933	2,352	58,887	12,831	5,615
Montana.....	1,168	205	7,785	357	8,509	2,016	769
Idaho.....	757	144	6,611	243	6,292	1,371	673
Wyoming.....	378	100	3,774	117	3,783	856	226
Colorado.....	3,946	752	20,245	631	18,727	3,353	1,918
New Mexico.....	592	135	8,095	194	6,424	1,674	590
Arizona.....	914	176	9,653	325	6,976	1,440	584
Utah.....	1,268	197	5,781	306	6,684	1,634	645
Nevada.....	177	54	1,983	179	1,482	487	212
Pacific.....	53,015	8,986	201,920	15,135	159,983	33,055	16,016
Washington.....	7,707	1,315	30,088	1,412	25,545	4,751	2,627
Oregon.....	4,257	844	20,834	932	17,546	3,493	1,966
California.....	41,051	6,827	150,998	12,791	116,892	24,781	11,423

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

## LABOR FORCE

No. 207.—FARM EMPLOYMENT—AVERAGE NUMBER OF PERSONS EMPLOYED:  
1909 TO 1945

[In thousands]

YEAR	NUMBER OF WORKERS			YEAR	NUMBER OF WORKERS		
	Total	Family <sup>1</sup>	Hired		Total	Family <sup>1</sup>	Hired
1909.....	12,209	9,341	2,868	1928.....	11,296	8,340	2,956
1910.....	12,146	9,269	2,877	1929.....	11,289	8,305	2,984
1911.....	12,042	9,172	2,870	1930.....	11,173	8,323	2,850
1912.....	12,038	9,149	2,889	1931.....	11,159	8,469	2,690
1913.....	12,033	9,128	2,905	1932.....	11,069	8,571	2,498
1914.....	12,000	9,081	2,919	1933.....	11,023	8,590	2,433
1915.....	11,981	9,047	2,934	1934.....	10,852	8,506	2,346
1916.....	12,016	9,050	2,966	1935.....	11,131	8,702	2,429
1917.....	11,789	8,856	2,933	1936.....	11,047	8,486	2,561
1918.....	11,348	8,507	2,841	1937.....	10,892	8,261	2,631
1919.....	11,106	8,322	2,784	1938.....	10,780	8,169	2,620
1920.....	11,362	8,479	2,883	1939.....	10,740	8,145	2,595
1921.....	11,412	8,511	2,901	1940.....	10,555	8,019	2,565
1922.....	11,443	8,528	2,915	1941.....	10,361	7,829	2,532
1923.....	11,385	8,491	2,894	1942.....	10,397	7,855	2,542
1924.....	11,362	8,488	2,874	1943.....	10,263	7,857	2,406
1925.....	11,448	8,577	2,871	1944.....	10,037	7,810	2,227
1926.....	11,584	8,507	3,027	1945.....	9,843	7,726	2,118
1927.....	11,246	8,296	2,950				

<sup>1</sup> Includes farm operators and members of their families doing farm work without wages.

Source: Department of Agriculture, Bureau of Agricultural Economics; 1909-42, Farm Wage Rates Farm Employment and Related Data; 1943-45, Dec. 1945, report on farm labor.

No. 208.—FARM EMPLOYMENT—AVERAGE NUMBER OF PERSONS EMPLOYED,  
BY GEOGRAPHIC DIVISIONS, FOR SELECTED MONTHS: 1945

[In thousands]

DIVISION	TOTAL WORKERS				FAMILY WORKERS <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1
United States.....	8,005	8,982	11,100	11,052	6,571	7,322	8,556	8,558
New England.....	200	216	277	270	150	157	175	168
Middle Atlantic.....	491	553	734	636	367	406	461	417
East North Central.....	1,201	1,326	1,462	1,386	1,041	1,143	1,193	1,158
West North Central.....	1,368	1,446	1,725	1,592	1,204	1,269	1,447	1,357
South Atlantic.....	1,435	1,692	2,147	2,098	1,183	1,334	1,703	1,601
East South Central.....	1,228	1,394	1,759	2,004	1,069	1,234	1,544	1,713
West South Central.....	1,282	1,488	1,870	1,973	1,065	1,193	1,441	1,531
Mountain.....	345	378	443	448	261	285	282	304
Pacific.....	455	489	674	645	281	301	310	309

<sup>1</sup> Includes farm operators and members of their families doing farm work without wages.

Source: Department of Agriculture, Bureau of Agricultural Economics; data are published in monthly report on farm labor.

# FARM WAGE RATES

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## No. 209.—FARM WAGE RATES AND INDEX NUMBERS, FOR THE UNITED STATES, 1914 TO 1945, AND BY GEOGRAPHIC DIVISIONS, JULY 1943 TO OCT. 1945

NOTE.—Estimates from 1914 to 1922 based on annual reports from crop correspondents regarding average wage rates in their locality as of Apr. 1; thereafter, based on weighted averages of quarterly reports as of the first day of January, April, July, and October.

YEAR	FARM WAGE RATES (AVERAGE)				Index numbers of farm wage rates (1910-14= 100)	YEAR	FARM WAGE RATES (AVERAGE)				Index numbers of farm wage rates (1910-14= 100)			
	Per month—		Per day—				Per month—		Per day—					
	With board	With- out board	With board	With- out board			With board	With- out board	With board	With- out board				
1914	\$22.62	\$29.74	\$1.17	\$1.43	101	1930	\$37.59	\$48.10	\$1.76	\$2.08	167			
1915	22.97	30.06	1.18	1.44	103	1931	28.77	38.38	1.32	1.62	130			
1916	25.17	32.84	1.31	1.58	113	1932	20.85	28.88	.04	1.20	96			
1917	31.11	40.52	1.65	1.98	141	1933	18.07	25.67	.85	1.11	85			
1918	37.96	48.80	2.15	2.54	177	1934	20.24	28.19	.98	1.26	95			
1919	43.29	56.63	2.54	3.03	207	1935	22.42	30.24	1.07	1.33	103			
1920	51.73	65.40	2.98	3.46	242	1936	24.53	32.28	1.15	1.42	111			
1921	33.62	44.67	1.77	2.12	155	1937	28.00	38.32	1.33	1.61	126			
1922	32.75	43.33	1.73	2.07	151	1938	27.73	36.18	1.31	1.58	125			
1923	37.24	48.25	1.89	2.25	169	1939	27.39	35.82	1.30	1.56	123			
1924	37.92	49.32	1.94	2.29	173	1940	28.05	36.68	1.36	1.59	126			
1925	38.77	49.90	1.97	2.29	176	1941	34.85	43.64	1.09	1.93	154			
1926	39.87	50.83	1.98	2.31	179	1942	46.64	56.07	2.19	2.49	201			
1927	40.11	50.85	1.98	2.28	179	1943	61.91	72.51	2.87	3.27	264			
1928	40.11	50.72	1.98	2.27	179	1944	74.00	85.70	3.46	3.93	315			
1929	40.61	51.22	1.96	2.25	180	1945	82.30	95.40	3.80	4.34	350			

BASIS OF RATE AND DIVISION	1943				1944				1945			
	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	July 1	Oct. 1
Per month with board—												
United States	\$64.62	\$65.22	\$63.01	\$68.95	\$77.79	\$76.40	\$74.60	\$78.58	\$85.80	\$84.00		
New England	69.47	72.80	73.40	78.49	80.73	82.00	80.70	85.76	86.40	89.00		
Middle Atlantic	61.19	62.00	62.40	66.72	70.09	71.40	69.90	74.82	78.00	77.50		
East North Central	59.29	60.50	60.00	65.16	67.98	65.90	67.70	73.85	74.20	75.10		
West North Central	68.02	73.40	61.60	72.84	81.18	84.70	74.50	85.17	89.90	93.50		
South Atlantic	32.75	32.80	35.20	36.88	38.55	39.20	43.60	43.63	43.90	42.50		
East South Central	30.85	31.30	32.70	34.26	36.28	37.30	38.60	39.04	39.50	39.50		
West South Central	43.01	44.30	45.70	48.26	53.27	54.00	56.50	57.90	60.30	61.60		
Mountain	82.69	85.80	80.60	87.29	101.23	103.00	95.20	98.53	111.00	112.00		
Pacific	114.54	118.00	117.80	126.78	134.88	135.00	133.00	137.73	143.00	143.00		
Per month without board—												
United States	75.37	74.92	76.06	81.15	88.54	88.80	88.90	92.71	99.00	95.70		
New England	102.07	108.40	109.30	115.00	118.56	119.00	119.00	125.62	126.00	128.00		
Middle Atlantic	93.11	89.00	89.70	96.05	100.66	102.00	101.00	108.46	110.00	110.00		
East North Central	80.70	82.10	82.90	88.80	92.00	93.70	93.00	101.22	100.00	101.00		
West North Central	87.35	93.10	83.20	93.75	101.76	106.00	99.30	110.64	115.00	118.00		
South Atlantic	46.54	45.60	50.50	51.61	53.04	53.60	59.10	59.43	59.40	57.90		
East South Central	42.13	43.20	45.50	46.92	49.76	51.40	53.10	54.22	53.50	54.30		
West South Central	58.13	61.10	65.50	68.64	71.83	72.70	77.60	81.07	80.10	81.40		
Mountain	109.15	115.40	110.90	118.18	129.90	135.00	124.00	134.54	143.00	143.00		
Pacific	150.38	153.30	153.80	163.35	169.94	173.00	171.00	177.68	182.00	186.00		
Per day with board—												
United States	2.98	3.17	2.96	3.07	3.58	3.72	3.54	3.56	3.86	3.98		
New England	3.54	3.86	3.70	3.75	4.15	4.32	4.10	4.00	4.36	4.41		
Middle Atlantic	3.37	3.56	3.42	3.62	3.80	4.04	3.85	3.97	4.14	4.17		
East North Central	3.32	3.47	3.36	3.49	3.82	3.95	3.80	3.95	4.06	4.16		
West North Central	3.55	4.44	3.42	3.65	4.30	5.07	4.19	4.31	4.60	5.43		
South Atlantic	1.74	1.80	1.97	2.02	2.16	2.27	2.41	2.37	2.44	2.49		
East South Central	1.54	1.71	1.76	1.77	1.92	2.17	2.12	2.05	2.15	2.20		
West South Central	2.24	2.43	2.58	2.61	3.03	2.98	3.23	3.12	3.16	3.24		
Mountain	3.82	4.42	3.82	4.04	4.54	5.04	4.43	4.62	5.00	5.33		
Pacific	5.24	5.60	5.52	5.71	6.10	6.19	5.97	6.04	6.37	6.51		
Per day without board—												
United States	3.84	3.51	3.50	3.58	4.06	4.08	4.15	4.12	4.48	4.39		
New England	4.48	4.88	4.72	4.89	5.13	5.34	5.15	5.25	5.50	5.59		
Middle Atlantic	4.33	4.49	4.37	4.58	4.71	4.97	4.76	4.90	5.11	5.18		
East North Central	4.07	4.34	4.23	4.33	4.67	4.82	4.70	4.85	4.95	5.00		
West North Central	4.44	5.54	4.42	4.72	5.19	6.08	5.20	5.39	5.64	6.47		
South Atlantic	2.19	2.28	2.54	2.55	2.64	2.77	3.01	2.99	3.01	3.05		
East South Central	1.96	2.20	2.23	2.27	2.41	2.80	2.69	2.69	2.70	2.78		
West South Central	2.70	2.95	3.09	3.06	3.39	3.54	3.77	3.74	3.74	3.83		
Mountain	4.85	5.34	4.56	4.80	5.63	5.89	5.38	5.50	5.97	6.21		
Pacific	6.50	7.08	6.83	6.91	7.39	7.65	7.43	7.32	7.89	8.00		

Source: Department of Agriculture, Bureau of Agricultural Economics; data are published in monthly report on farm labor.

No. 210.—ESTIMATED NUMBER OF EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY GROUPS: 1929 TO 1945

[In thousands. Estimates include all full- and part-time wage and salary workers in nonagricultural establishments who were employed during the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.]

YEARLY AND QUARTERLY AVERAGE	Total	Manufacturing	Mining	Contract construction and Federal force-account construction	Transportation	Public utilities	Trade	Finance, service and miscellaneous	Federal, State, and local government
1929.....	31,149	10,534	1,078	2,122	2,886	1,021	6,246	4,203	3,059
1930.....	28,996	9,401	1,000	1,721	2,652	1,023	5,392	4,070	3,188
1931.....	26,125	8,021	864	1,470	2,322	921	5,439	3,830	3,258
1932.....	22,921	6,797	722	1,008	1,988	816	4,861	3,617	3,212
1933.....	23,060	7,258	735	881	1,910	749	4,916	3,462	3,149
1934.....	25,449	8,346	874	1,033	1,966	770	5,429	3,667	3,359
1935.....	26,590	8,907	888	1,181	1,996	775	5,610	3,797	3,445
1936.....	28,809	9,653	837	1,623	2,140	816	5,983	4,026	3,631
1937.....	30,627	10,606	1,006	1,575	2,248	866	6,424	4,195	3,707
1938.....	28,663	9,253	882	1,382	2,006	835	6,354	4,117	3,835
1939.....	30,353	10,078	845	1,753	2,080	832	6,618	4,160	3,988
1940.....	31,784	10,780	916	1,722	2,157	856	6,906	4,310	4,136
1941.....	35,668	12,974	947	2,236	2,340	908	7,378	4,438	4,446
1942.....	38,447	15,051	970	2,079	2,527	908	7,263	4,447	5,203
1943.....	39,728	16,924	891	1,253	2,746	873	7,030	4,115	5,890
1944.....	38,608	16,121	835	679	2,888	863	7,044	4,348	5,911
1945:									
Jan.-Mar.	37,994	15,480	798	606	2,913	853	7,033	4,368	5,943
Apr.-June	37,675	14,817	761	781	2,958	851	7,005	4,515	5,987
July-Sept.	36,526	13,348	784	928	2,966	883	7,032	4,647	5,938
Oct.-Dec.	35,734	11,951	771	1,017	2,939	925	7,023	4,826	5,682

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in Monthly Labor Review and in mimeographed releases.

No. 211.—ESTIMATED NUMBER (ANNUAL AVERAGE) OF WAGE EARNERS IN MANUFACTURING INDUSTRIES, BY MAJOR INDUSTRY GROUPS: 1939 TO 1945

[In thousands. Estimates have been adjusted to levels indicated by final 1943 data made available by Bureau of Employment Security, Federal Security Agency]

INDUSTRY	1939	1940	1941	1942	1943	1944	1945
All manufacturing.....	8,192	8,811	10,825	12,817	14,580	13,850	12,250
Durable goods.....							
Iron and steel and their products.....	3,811	4,172	5,564	6,997	8,727	8,357	8,809
Electrical machinery.....	991	1,134	1,430	1,592	1,761	1,705	1,525
Machinery, except electrical.....	259	305	446	500	741	752	622
Transportation equipment, except automobile.....	520	630	869	1,096	1,293	1,225	1,080
Automobiles.....	159	275	598	1,539	2,508	2,355	1,454
Nonferrous metals and their products.....	402	465	570	510	714	720	590
Lumber and timber basic products.....	220	267	345	389	449	428	377
Furniture and finished lumber product.....	420	442	535	560	635	490	509
Stone, clay, and glass products.....	328	343	391	380	366	346	338
Nondurable goods.....	4,581	4,639	5,270	5,821	5,834	5,493	5,441
Textile-mill products and other fiber manufactures.....	1,144	1,124	1,283	1,285	1,237	1,125	1,075
Apparel and other finished textile products.....	790	796	907	939	958	885	921
Leather and leather products.....	347	355	375	372	340	317	316
Food.....	855	864	940	1,026	1,056	1,077	1,067
Tobacco manufactures.....	93	92	94	95	91	84	82
Paper and allied products.....	265	278	314	315	324	318	317
Printing, publishing, and allied industries.....	328	329	341	331	331	326	327
Chemicals and allied products.....	288	319	416	605	734	610	611
Products of petroleum and coal.....	106	112	120	125	125	131	135
Rubber products.....	121	127	156	155	194	198	197
Miscellaneous industries.....	244	265	324	373	445	428	394

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in Monthly Labor Review and in mimeographed releases.

**NO. 212.—INDEXES OF WAGE-EARNER EMPLOYMENT AND WAGE-EARNER PAY ROLLS IN MANUFACTURING, BY MONTHS: 1939 TO 1945**

[1939 average=100. Indexes have been adjusted to levels indicated by final 1943 data made available by Bureau of Employment Security, Federal Security Agency]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
<b>ALL MANUFACTURING</b>													
<b>EMPLOYMENT</b>													
1939-----	93.8	95.4	96.7	96.7	96.0	96.5	97.0	100.5	104.8	108.1	107.7	107.0	100.0
1940-----	104.0	104.2	103.8	102.6	102.1	102.5	103.1	107.8	112.2	114.8	116.0	117.4	107.5
1941-----	116.9	120.0	122.7	125.8	123.6	132.0	135.5	138.4	141.2	141.8	141.3	141.1	132.1
1942-----	140.0	142.6	144.8	147.0	148.9	151.4	154.8	150.0	162.1	163.7	165.6	168.7	154.0
1943-----	170.1	172.5	174.6	175.4	175.8	178.3	180.2	181.4	180.8	181.4	181.9	180.3	177.7
1944-----	177.5	176.5	174.1	171.0	169.1	168.6	167.7	167.9	166.0	164.1	163.0	163.3	169.1
1945-----	182.4	182.0	180.2	186.9	153.6	150.5	145.6	142.1	122.4	121.4	121.6	121.6	143.4
<b>PAY ROLL</b>													
1939-----	91.2	93.9	96.0	93.9	93.9	95.5	93.6	100.0	104.2	112.7	112.0	113.4	100.6
1940-----	107.4	107.2	107.9	105.8	105.8	107.6	106.6	115.1	122.1	126.9	127.5	134.1	114.5
1941-----	132.6	140.3	145.9	150.2	161.3	170.5	172.0	178.8	184.8	190.2	188.6	195.1	167.5
1942-----	201.1	208.8	216.0	222.4	230.1	236.2	245.1	258.1	266.0	276.2	287.0	295.4	245.2
1943-----	300.7	308.9	318.0	324.9	330.4	336.1	335.8	343.1	349.5	354.0	359.7	350.7	334.4
1944-----	350.0	349.7	346.3	339.8	339.2	339.5	331.7	335.0	333.8	335.1	331.8	336.8	339.1
1945-----	335.2	333.7	330.2	321.5	307.0	302.5	286.7	256.2	214.2	212.7	212.5	215.5	277.3
<b>EMPLOYMENT</b>													
<b>DURABLE GOODS GROUP 1</b>													
1939-----	92.6	93.9	95.2	96.2	96.0	96.7	95.3	96.6	103.0	109.8	111.7	113.0	100.0
1940-----	110.1	109.2	109.2	108.9	109.5	110.3	108.3	113.7	120.3	125.3	129.0	131.5	115.5
1941-----	132.9	136.5	140.2	145.2	149.8	154.7	158.5	159.8	164.3	167.1	168.1	168.5	153.8
1942-----	169.2	172.0	176.3	180.6	185.0	190.2	195.7	201.7	205.8	210.8	215.6	221.5	193.8
1943-----	225.9	230.5	234.9	237.5	239.1	243.0	245.5	246.5	248.8	249.3	251.3	249.8	241.7
1944-----	246.6	244.7	241.2	239.9	234.0	232.1	229.3	228.3	224.3	221.0	219.2	219.7	231.4
1945-----	219.4	218.7	215.5	210.2	204.1	196.9	187.8	180.3	138.5	136.4	136.6	134.4	181.2
<b>PAY ROLL</b>													
1939-----	88.5	90.7	92.8	93.1	93.0	95.4	90.3	96.5	103.4	116.8	118.0	121.5	100.0
1940-----	114.3	112.9	114.1	113.9	114.4	117.6	113.5	123.8	133.8	143.5	146.1	153.8	125.1
1941-----	155.2	164.8	171.8	178.8	195.4	208.7	207.8	214.3	222.4	233.5	232.9	242.0	202.3
1942-----	256.3	266.5	277.2	288.5	301.7	314.3	327.3	346.8	358.6	374.1	393.0	403.2	325.6
1943-----	415.2	428.3	441.6	454.0	463.5	471.3	471.4	480.9	494.7	504.1	511.8	496.9	469.5
1944-----	497.1	495.1	489.5	482.5	478.6	476.6	461.4	465.4	460.6	462.9	457.2	463.6	474.1
1945-----	461.5	458.3	451.0	437.2	413.3	399.8	373.1	322.9	236.4	233.8	231.7	230.2	354.1
<b>NONDURABLE GOODS GROUP 2</b>													
<b>EMPLOYMENT</b>													
1939-----	94.8	96.6	97.8	97.0	96.0	96.3	98.3	103.6	106.3	106.7	104.5	102.2	100.0
1940-----	99.2	100.3	99.5	97.7	96.2	96.4	98.2	103.2	105.9	106.5	105.8	106.3	101.3
1941-----	104.4	107.0	108.9	110.6	111.0	114.2	115.3	121.6	123.1	121.8	120.2	119.5	115.0
1942-----	117.0	119.0	120.0	120.5	120.4	120.1	122.5	124.5	127.7	126.6	126.1	127.0	122.7
1943-----	126.2	126.8	127.1	128.5	125.9	127.4	128.7	130.1	128.8	127.9	127.3	125.5	127.4
1944-----	123.1	122.7	121.2	119.1	117.9	118.5	119.3	120.5	120.1	119.2	118.6	118.9	119.9
1945-----	117.4	117.2	116.5	114.9	113.7	113.9	112.3	112.0	109.7	109.5	109.8	111.5	113.2
<b>PAY ROLL</b>													
1939-----	93.8	96.9	99.2	94.6	94.3	95.5	96.9	103.4	105.1	108.7	106.1	105.4	100.0
1940-----	100.6	101.7	101.9	98.0	97.3	97.7	99.9	106.6	110.7	110.7	109.3	114.8	104.1
1941-----	110.5	116.5	120.6	122.2	127.9	133.2	136.9	144.0	148.1	147.9	145.3	149.3	133.5
1942-----	147.1	152.4	156.1	157.8	160.1	159.9	164.7	171.3	175.4	180.5	183.4	190.0	166.6
1943-----	188.8	192.1	197.1	198.7	200.3	203.8	203.2	208.4	207.6	208.9	211.0	207.7	202.3
1944-----	206.2	207.5	206.3	200.4	202.9	205.4	204.9	207.5	209.8	210.0	209.2	212.8	206.9
1945-----	211.7	211.9	212.0	208.3	202.9	207.3	202.2	191.0	192.6	192.1	193.8	201.1	202.2

<sup>1</sup> Iron and steel and their products; electrical machinery; machinery, except electrical; transportation equipment, except automobiles; automobiles; nonferrous metals and their products; lumber and timber basic products; furniture and finished lumber products; and stone, clay, and glass products.

<sup>2</sup> Textile-mill products and other fiber manufactures; apparel and other finished textile products; leather and leather products; food; tobacco manufactures; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and miscellaneous manufacturing industries.

Source: Department of Labor, Bureau of Labor Statistics. Indexes are published currently in the Monthly Labor Review and in mimeographed releases.

## LABOR FORCE

No. 213.—INDEXES OF WAGE-EARNER EMPLOYMENT IN MANUFACTURING INDUSTRIES, BY MONTHS (ADJUSTED FOR SEASONAL VARIATIONS): 1939 TO 1945

[1939 average=100. Indexes are based upon data shown in table 212]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1939	95.9	96.3	96.7	96.8	96.8	97.8	99.0	100.1	101.4	104.9	106.6	107.0	100.0
1940	105.9	104.8	103.6	102.4	102.8	103.7	105.2	108.1	109.7	112.0	114.6	116.8	107.5
1941	118.8	120.9	122.9	126.3	129.8	133.3	136.6	138.1	138.8	139.5	139.9	140.6	132.1
1942	141.4	143.3	145.4	147.8	149.9	151.9	154.7	157.5	160.2	162.9	165.1	168.3	154.0
1943	170.7	173.1	175.1	176.2	176.9	179.0	180.1	180.2	179.6	180.6	181.5	179.9	177.7
1944	178.8	178.5	176.6	174.5	173.8	172.5	171.4	170.9	169.3	168.1	167.8	168.0	172.4
1945	168.1	168.0	166.5	163.8	160.8	157.2	151.7	147.6	127.8	127.2	127.8	128.1	149.5

Source: Board of Governors of the Federal Reserve System. Indexes are published currently in Federal Reserve Bulletin.

No. 214.—INDEXES OF WAGE-EARNER EMPLOYMENT AND WAGE-EARNER PAY ROLLS IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1941 TO 1944

[Average 1939=100. Indexes for major industry groups adjusted to levels indicated by final 1943 data made available by Bureau of Employment Security, Federal Security Agency. Indexes for individual industries adjusted to levels indicated by 1939 Censuses of Manufacturers, but not F. S. A. data]

INDUSTRY GROUP AND INDUSTRY	WAGE-EARNER EMPLOYMENT				WAGE-EARNER PAY ROLLS			
	1941	1942	1943	1944	1941	1942	1943	1944
	132.1	154.0	177.7	189.1	187.5	245.2	334.4	339.1
All manufacturing	132.1	154.0	177.7	189.1	187.5	245.2	334.4	339.1
Durable goods	153.8	103.8	241.7	231.4	202.3	325.6	469.5	474.2
Nondurable goods	115.0	122.7	127.4	110.9	133.5	166.6	202.3	206.9
Iron and steel and their products	144.2	160.6	177.6	172.0	183.3	243.5	311.4	318.9
Blast furnaces, steel works, and rolling mills	135.9	138.5	133.0	124.3	171.5	194.6	222.3	223.7
Gray-iron and semisteel castings	148.4	150.1	139.4	127.0	105.4	235.1	256.7	252.2
Malleable-iron castings	164.1	158.4	146.8	139.0	213.3	242.3	273.4	286.5
Steel castings	184.9	248.2	275.8	249.4	246.4	301.4	484.4	460.8
Cast-iron pipe and fittings	128.2	127.6	100.8	93.0	108.0	189.1	174.2	178.7
Tin cans and other tinware	130.1	112.5	102.0	121.2	152.3	147.1	161.6	203.1
Wire drawn from purchased rods	136.2	145.8	163.8	151.6	165.4	201.7	256.3	252.4
Wire work	139.7	106.9	108.0	114.1	170.4	164.8	202.6	229.1
Cutlery and edge tools	128.9	136.3	141.3	149.6	163.8	224.9	279.5	310.0
Tools (except edge tools, machine tools, files, and saws)	159.6	176.5	181.5	180.4	214.7	289.9	334.1	340.8
Hardware	138.8	125.5	127.1	130.0	182.2	204.2	245.8	265.5
Plumbers' supplies	120.1	96.5	93.5	92.9	149.5	132.2	158.6	168.1
Stoves, oil burners, and heating equipment n. e. c.	126.1	104.9	120.6	136.0	148.4	147.0	206.9	256.8
Steam and hot-water heating apparatus and steam fittings	152.3	167.3	195.6	186.2	202.2	279.0	353.8	350.1
Stamped and enameled ware and galvanizing	143.3	136.5	100.5	159.9	174.2	210.7	300.6	322.4
Fabricated structural and ornamental metalwork	149.6	173.4	200.0	210.7	186.2	267.7	364.3	413.3
Metal doors, sash, frames, molding, and trim	131.3	138.0	164.9	164.3	150.3	200.9	292.6	310.2
Bolts, nuts, washers, and rivets	159.3	175.0	203.1	187.0	212.0	276.9	374.5	361.9
Forgings, iron and steel	181.8	228.6	261.3	241.4	250.6	386.2	497.6	481.8
Wrought pipe, welded and heavy riveted	152.5	201.1	308.4	309.4	188.9	334.3	578.5	601.6
Screw-machine products and wood screws	190.1	264.5	292.9	268.2	257.3	440.2	548.0	522.7
Steel barrels, kegs, and drums	128.9	126.5	129.1	121.0	163.1	190.3	242.3	237.6
Firearms	486.7	1,155.1	1,321.8	955.8	817.5	2,415.2	2,881.7	2,201.5
Electrical machinery	172.0	216.0	235.9	290.1	224.6	338.9	488.0	520.7
Electrical equipment	171.0	205.5	254.6	249.5	225.1	326.4	444.7	457.0
Communication equipment	196.2	271.2	343.6	352.1	240.6	374.4	503.1	513.7
Radios and phonographs	138.8	168.4	263.7	292.3	175.7	273.8	472.3	552.3
Machinery, except electrical	164.5	207.4	244.7	281.9	219.6	341.1	443.7	435.6
Machinery and machine-shop products	163.1	207.9	242.4	231.1	217.7	335.6	430.9	425.4
Engines and turbines	190.0	282.1	368.6	376.1	272.7	521.6	758.3	801.8
Tractors	132.4	144.5	187.5	187.9	151.1	195.8	256.7	205.8

**No. 214.—INDEXES OF WAGE-EARNER EMPLOYMENT AND WAGE-EARNER PAY ROLLS IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1941 TO 1944—Continued**

[Average 1939=100]

INDUSTRY GROUP AND INDUSTRY	WAGE-EARNER EMPLOYMENT				WAGE-EARNER PAY ROLLS			
	1941	1942	1943	1944	1941	1942	1943	1944
Machinery, except electrical—Con.								
Agricultural machinery, excluding tractors	135.5	124.3	135.7	161.4	171.9	182.7	256.0	324.9
Machine tools	223.4	306.4	299.5	215.6	302.6	498.8	503.9	383.1
Machine-tool accessories	219.9	330.4	351.3	275.4	287.5	514.1	577.8	473.0
Textile machinery	133.1	138.5	130.1	125.4	174.3	218.5	230.1	231.0
Pumps and pumping equipment	180.7	265.4	317.0	326.3	258.8	500.3	648.8	695.4
Typewriters	115.7	89.2	73.8	72.9	159.9	139.2	143.8	147.4
Cash registers and adding and calculating machines	126.6	146.3	177.0	166.7	167.2	240.5	341.6	327.5
Washing machines, wringers, and driers, domestic	125.0	119.0	178.8	177.5	151.3	179.6	301.5	315.7
Sewing machines, domestic and industrial	126.4	135.1	136.6	124.5	185.2	240.6	282.3	264.4
Refrigerators and refrigeration equipment	136.2	108.2	154.9	151.9	150.7	155.8	264.5	273.6
Transportation equipment, except automobiles	376.6	869.5	1,580.1	1,483.5	526.0	1,748.8	3,080.3	3,082.6
Locomotives	278.0	455.3	526.8	553.8	400.1	839.5	1,107.3	1,267.0
Cars, electric and steam-railroad	226.2	263.3	246.5	238.4	285.9	432.9	457.9	477.8
Aircraft and parts, excluding aircraft engines	528.5	1,250.9	2,003.5	1,800.5	689.4	2,013.1	3,496.3	3,452.7
Aircraft engines	660.3	1,672.0	2,625.7	2,745.9	910.3	2,814.1	4,528.7	4,845.1
Shipbuilding and boat building	323.7	1,066.9	1,769.4	1,642.1	472.6	2,005.3	3,504.7	3,514.2
Motorcycles, bicycles, and parts	155.2	137.8	143.7	135.0	185.1	213.2	253.6	245.5
Automobile	141.7	126.9	177.5	178.9	180.0	206.4	321.2	329.7
Nonferrous metals and their products	160.3	169.5	196.0	186.8	189.5	266.4	364.5	351.9
Smelting and refining, primary, of nonferrous metals	139.2	159.6	204.3	170.1	165.2	230.2	353.9	323.2
Alloying and rolling and drawing of nonferrous metals, except aluminum	164.6	181.6	195.2	182.3	215.4	294.2	353.4	340.9
Clocks and watches	134.1	129.6	124.2	125.8	179.3	217.5	238.4	260.6
Jewelry (precious metals) and jewelers' findings	124.3	119.1	110.5	96.6	137.2	155.1	165.1	158.6
Silverware and plated ware	119.3	98.9	96.9	89.5	145.5	140.0	165.4	161.1
Lighting equipment	138.2	109.8	118.9	128.0	175.3	167.3	207.2	227.6
Aluminum manufactures	186.2	273.5	337.4	312.4	234.5	427.4	591.6	560.1
Sheet-metal work, not elsewhere classified	143.5	160.3	157.2	171.8	174.6	224.8	277.7	326.9
Lumber and timber basic products	127.3	133.3	127.3	116.5	150.4	186.7	215.1	212.9
Sawmills and logging camps	110.3	105.3	90.1	80.7	130.7	148.9	154.3	150.2
Planing and plywood mills	124.1	120.5	111.7	99.7	142.0	160.2	176.9	169.0
Furniture and finished lumber products	119.2	115.9	111.7	105.6	144.2	162.2	183.9	190.5
Mattresses and bedsprings	120.7	101.8	99.6	93.2	140.6	132.4	155.9	160.1
Furniture	118.8	110.8	105.7	99.2	145.0	156.1	174.3	173.6
Wooden boxes, other than cigar	122.6	126.6	117.6	109.7	150.8	186.1	203.0	213.4
Caskets and other morticians' goods	102.9	97.2	96.3	99.3	114.1	126.0	149.8	168.5
Wood preserving	119.9	113.0	92.8	88.1	161.1	171.0	171.1	182.4
Wood, turned and shaped	113.2	110.7	101.0	98.1	133.8	154.3	165.1	174.0
Stone, clay, and glass products	126.4	126.3	122.5	114.4	147.3	167.6	189.1	190.2
Glass and glassware	125.4	121.1	126.0	129.5	147.1	156.2	187.6	205.4
Glass products made from purchased glass	140.0	122.1	113.1	104.6	157.2	152.2	165.9	172.3
Cement	115.4	122.0	100.7	72.9	132.2	155.3	141.2	112.0
Brick, tile, and terra cotta	122.9	113.6	88.9	75.6	144.6	150.1	133.5	120.8
Pottery and related products	132.7	135.9	130.6	123.8	150.1	174.3	188.6	190.4
Gypsum	114.5	101.9	91.2	84.9	140.3	138.4	151.5	146.4
Wallboard, plaster(except gypsum), and mineral wool	131.8	132.8	137.3	119.3	163.9	178.1	223.4	216.5
Lime	119.5	112.7	98.7	86.8	145.5	160.8	171.6	167.4
Marble, granite, slate, and other products	88.1	74.3	67.4	60.7	90.2	84.1	90.8	103.5
Abrasives	177.8	218.5	302.2	270.4	218.6	322.0	480.2	468.6
Asbestos products	133.9	136.9	138.2	130.7	164.5	210.5	254.6	250.2

No. 214.—INDEXES OF WAGE-EARNER EMPLOYMENT AND WAGE-EARNER PAY ROLLS IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1941 TO 1944—Continued

[Average 1939=100]

INDUSTRY GROUP AND INDUSTRY	WAGE-EARNER EMPLOYMENT				WAGE-EARNER PAY ROLLS			
	1941	1942	1943	1944	1941	1942	1943	1944
Textile-mill products and other fiber manufactures	112.2	112.3	108.2	98.3	186.2	183.0	178.9	173.8
Cotton manufactures, except smallwares	120.7	127.8	122.9	111.0	153.9	198.4	210.8	204.1
Cotton smallwares	123.9	133.1	123.6	102.5	147.8	204.6	209.5	181.9
Silk and rayon goods	91.2	85.2	79.9	75.4	109.3	126.0	134.5	136.4
Woolen and worsted manufactures, except dyeing and finishing	124.2	120.9	*111.9	101.1	150.8	189.2	202.2	191.6
Hosiery	92.8	80.8	73.6	66.5	98.7	97.5	107.7	105.4
Knitted cloth	110.5	110.0	107.7	97.9	128.2	149.3	172.3	167.7
Knitted outerwear and knitted gloves	107.5	110.2	115.0	105.2	125.5	148.8	189.4	188.4
Knitted underwear	111.6	116.8	108.6	93.3	132.2	166.3	180.2	167.5
Dyeing and finishing textiles, including woolen and worsted	109.0	105.3	101.6	91.9	123.3	142.9	156.3	151.4
Carpets and rugs, wool	112.8	92.8	88.3	79.6	136.1	128.6	141.2	135.1
Hats, fur-felt	91.5	71.5	68.9	65.1	112.5	93.3	117.6	120.9
Jute goods, except felts	122.3	114.3	107.5	93.2	156.3	172.3	190.9	177.6
Cordage and twine	131.5	137.3	139.3	129.5	166.8	202.4	233.3	236.9
Apparel and other finished textile products	114.8	118.0	121.4	112.1	132.9	153.9	185.2	192.8
Men's clothing, not elsewhere classified	114.4	113.3	105.1	96.7	135.1	147.4	158.7	163.6
Shirts, collars, and nightwear	102.1	97.3	84.6	75.3	124.1	137.8	134.0	131.3
Underwear and neckwear, men's	96.3	85.5	79.5	76.1	118.0	119.0	137.8	147.9
Work shirts	127.8	136.8	135.6	114.6	168.5	207.9	227.7	209.5
Women's clothing, not elsewhere classified	101.4	93.6	88.0	80.6	115.2	119.0	134.4	140.3
Corsets and allied garments	104.4	97.1	88.1	80.7	117.1	125.9	137.2	137.7
Millinery	95.0	85.7	81.3	78.3	95.6	93.5	100.5	117.7
Hankiechiefs	103.7	91.6	76.5	62.0	124.6	125.1	124.2	110.8
Curtains, draperies, and bed-spreads	103.6	98.8	101.3	79.1	131.7	137.7	164.5	150.1
House furnishings, other than curtains, etc.	134.9	133.8	139.3	103.3	156.0	183.5	229.3	188.5
Textile bags	110.8	127.8	126.3	120.9	123.0	164.9	188.9	197.6
Leather and leather products	108.1	107.2	98.1	91.3	130.3	150.2	154.2	158.4
Leather	107.5	107.0	95.6	85.0	124.4	145.6	144.7	145.3
Boot and shoe cut stock and findings	104.3	99.6	92.4	85.9	121.1	133.5	136.9	141.7
Boots and shoes	99.3	97.2	85.7	79.8	122.1	139.4	136.7	140.4
Leather gloves and mittens	139.8	143.2	144.0	129.2	171.6	187.1	223.9	220.8
Trunks and suitcases	152.7	183.0	161.2	147.4	161.3	219.2	240.3	235.9
Food	110.1	120.0	123.5	126.1	120.7	150.1	180.9	201.5
Slaughtering and meat packing	119.4	142.9	136.6	130.6	127.1	170.5	200.1	216.1
Butter	108.4	118.4	121.3	124.2	117.3	145.9	169.6	190.3
Condensed and evaporated milk	116.5	137.2	134.2	143.1	130.9	176.6	197.2	230.2
Ice cream	102.2	103.4	95.0	95.9	108.5	120.7	124.0	134.3
Flour	98.8	101.9	115.2	115.7	106.7	130.2	177.6	191.0
Feeds, prepared	108.5	123.7	141.0	132.3	123.0	168.8	223.7	222.9
Cereal preparations	100.0	120.7	132.4	122.1	122.7	161.4	217.4	211.8
Baking	102.8	108.4	110.1	112.1	111.2	131.6	151.8	166.8
Sugar refining, cane	103.6	91.5	98.2	103.3	113.9	109.2	142.9	165.9
Sugar, beet	94.9	100.3	80.3	77.3	105.7	134.7	110.6	107.7
Confectionery	110.7	112.9	112.8	116.8	123.7	144.8	166.4	191.1
Beverages, nonalcoholic	119.1	113.4	127.4	124.4	126.4	127.1	153.9	174.1
Malt liquors	104.6	114.2	126.3	139.7	113.7	136.2	170.1	202.8
Canning and preserving	106.8	111.3	99.5	102.8	130.4	164.4	171.2	194.3
Tobacco manufactures	100.6	101.8	97.2	89.9	115.9	138.2	151.0	158.8
Cigarettes	102.9	112.3	123.8	126.6	119.1	148.7	172.0	192.3
Cigars	101.7	99.1	83.9	70.5	116.8	132.0	139.7	138.9
Tobacco (chewing and smoking) and snuff	87.5	87.6	91.2	87.8	101.7	116.8	131.1	135.6
Paper and allied products	118.3	118.6	122.2	119.7	138.4	155.6	184.8	194.2
Paper and pulp	114.8	114.7	108.6	106.5	137.8	155.5	169.9	178.9
Paper goods, other	121.8	121.9	127.1	122.1	136.3	149.9	184.1	193.2
Envelopes	116.3	114.8	119.0	112.2	127.2	136.9	168.6	171.5
Paper bags	120.0	117.6	112.0	120.9	142.1	158.5	174.0	200.7
Paper boxes	117.3	110.7	120.5	115.6	133.7	139.8	176.8	180.6

No. 214.—INDEXES OF WAGE-EARNER EMPLOYMENT AND WAGE-EARNER PAY ROLLS IN MANUFACTURING, BY INDUSTRY GROUPS AND INDUSTRIES: 1941 TO 1944—Continued

[Average 1939=100]

INDUSTRY GROUP AND INDUSTRY	WAGE-EARNER EMPLOYMENT				WAGE-EARNER PAY ROLLS			
	1941	1942	1943	1944	1941	1942	1943	1944
Printing, publishing, and allied industries	104.1	100.9	100.8	99.3	111.3	113.8	124.7	134.8
Newspapers and periodicals	102.0	98.4	95.2	92.9	106.1	107.4	111.7	116.9
Printing, book and job	105.3	101.7	104.9	105.9	113.9	115.9	132.6	150.2
Lithographing	103.0	93.7	96.8	95.1	112.0	104.6	128.0	133.0
Bookbinding	108.5	107.6	114.0	110.9	130.0	143.7	174.8	183.6
Chemicals and allied products	144.3	209.9	254.5	211.6	174.4	307.7	422.5	387.7
Paints, varnishes, and colors	114.0	107.9	104.8	105.0	129.7	135.1	152.9	166.0
Drugs, medicines, and insecticides	115.2	137.5	166.1	184.0	126.0	167.2	233.4	269.2
Perfumes and cosmetics	104.8	101.0	110.5	115.8	110.8	119.8	147.0	163.1
Soap	112.6	104.8	98.0	99.7	127.7	132.1	146.1	166.3
Rayon and allied products	109.3	107.0	107.9	109.1	128.2	142.4	162.5	174.2
Chemicals, not elsewhere classified	140.4	158.3	167.7	170.6	166.3	219.2	273.5	294.2
Explosives and safety fuses	366.0	966.0	1,245.4	1,091.4	457.7	1,407.7	1,918.5	1,673.8
Compressed and liquefied gases	138.2	158.4	160.2	151.7	166.5	224.7	264.3	266.9
Ammunition, small arms	574.6	2,357.5	3,614.0	1,410.2	789.3	4,043.3	6,769.3	2,815.0
Fireworks	514.5	1,762.0	2,434.9	2,504.3	779.8	3,775.0	5,981.9	6,888.8
Cottonseed oil	106.2	104.9	116.7	108.8	124.0	147.0	201.5	217.0
Fertilizers	106.6	114.7	120.9	116.9	127.9	168.7	226.0	250.2
Products of petroleum and coal	113.5	118.3	117.6	123.4	126.3	152.1	184.3	213.9
Petroleum refining	102.8	108.5	110.6	121.0	113.2	138.4	172.3	206.4
Coke and by-products	120.3	122.1	113.6	105.3	139.2	158.6	177.4	184.2
Paving materials	106.4	79.1	64.3	64.5	127.9	114.2	107.0	125.5
Roofing materials	123.4	126.9	119.2	120.2	145.0	178.3	197.2	214.6
Rubber products	129.0	128.0	160.3	183.8	150.1	176.2	263.9	292.7
Rubber tires and inner tubes	121.9	121.3	160.2	170.2	140.0	163.3	256.3	293.0
Rubber boots and shoes	129.4	129.9	147.1	138.5	162.8	186.2	246.4	238.7
Rubber goods, other	133.9	123.3	141.3	140.7	150.4	174.6	234.5	252.0
Miscellaneous industries	132.6	152.6	181.7	173.0	156.0	224.1	322.7	380.1
Professional and scientific instruments, and fire-control equipment	197.0	401.5	644.3	566.4	255.8	649.7	1,140.5	1,075.0
Photographic apparatus	119.3	137.8	168.9	167.2	143.4	194.1	261.8	271.9
Optical instruments and ophthalmic goods	164.4	203.6	235.0	211.4	192.3	285.1	368.2	353.8
Pianos, organs, and parts	124.5	98.7	181.3	101.1	140.5	188.9	247.9	192.1
Games, toys, and dolls	123.8	99.6	83.8	87.3	132.5	136.3	142.8	171.6
Buttons	115.7	117.7	98.1	87.5	141.1	172.4	171.6	168.5
Fire extinguishers	276.4	614.9	767.9	598.9	381.9	1,028.2	1,365.1	1,218.0

Source: Department of Labor, Bureau of Labor Statistics. Indexes are published currently in Monthly Labor Review and in mimeographed releases.

No. 215.—ESTIMATED NUMBER OF WAGE EARNERS IN SELECTED NONMANUFACTURING INDUSTRIES: 1939 TO 1945

[In thousands]

INDUSTRY	1939	1940	1941	1942	1943	1944	1945
Coal mining:							
Anthracite	82.8	83.4	81.7	77.6	71.2	67.4	60.1
Bituminous	371	415	407	435	386	354	322
Metal mining	88.2	97.4	106.9	107.7	96.4	79.0	66.6
Iron	20.1	22.4	26.4	31.2	32.2	27.2	23.9
Copper	23.8	27.7	31.0	32.1	31.4	25.9	20.5
Lead and zinc	15.5	17.6	18.5	19.4	19.0	16.4	14.0
Gold and silver	24.8	25.5	26.0	18.4	7.3	5.9	5.6
Miscellaneous	4.0	4.3	5.1	6.6	6.6	3.7	2.6
Telephone <sup>1</sup>	318	327	363	390	402	407	419
Telegraph <sup>1</sup>	37.6	37.9	41.1	43.0	46.9	46.2	45.4
Electric light and power <sup>1</sup>	244	250	255	237	211	203	205
Street railways and busses <sup>1</sup>	194	192	194	207	227	230	230
Year-round hotels <sup>1</sup>	323	323	333	332	344	353	359
Power laundries	226	234	256	267	260	247	(3)
Cleaning and dyeing	67.5	70.2	77.1	80.7	80.7	80.2	(3)

<sup>1</sup> Data include salaried personnel.

<sup>2</sup> Excludes messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies. <sup>3</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in Monthly Labor Review and in mimeographed releases.

No. 216.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN SELECTED NONMANUFACTURING INDUSTRIES: 1941 TO 1944

[Monthly average, 1939=100]

INDUSTRY	EMPLOYMENT				PAY ROLLS			
	1941	1942	1943	1944	1941	1942	1943	1944
Anthracite mining	98.7	93.7	86.0	81.4	105.9	124.3	133.9	151.4
Bituminous-coal mining	109.7	117.5	104.1	95.5	142.9	174.9	187.7	213.2
Metalliferous mining	121.2	122.0	109.3	89.6	140.7	166.0	166.9	141.9
Quarrying and nonmetallic mining	112.5	111.8	96.2	83.8	134.6	160.1	162.2	153.3
Crude petroleum production <sup>1</sup>	92.8	87.5	81.8	82.5	99.2	104.3	115.9	130.3
Telephone	114.4	122.7	126.7	128.1	118.0	131.5	144.9	155.0
Telegraph	109.2	114.2	124.7	122.8	117.6	132.5	159.3	175.0
Electric light and power	104.2	97.2	86.3	82.9	110.8	112.1	109.2	113.9
Street railways and busses	100.4	106.9	117.0	118.8	108.4	129.8	155.7	168.3
Wholesale trade	105.3	102.3	95.9	95.5	113.8	121.5	127.0	136.0
Retail trade	108.4	104.2	99.9	98.6	114.5	116.6	120.6	128.2
General merchandise	110.4	115.5	116.9	113.8	115.3	128.0	135.9	141.4
Year-round hotels <sup>2</sup>	103.3	102.9	106.6	109.4	100.1	119.8	138.7	157.8
Power laundries	113.3	118.2	115.3	109.5	119.5	136.2	149.5	159.5
Cleaning and dyeing	114.2	119.6	119.6	118.8	123.4	142.1	165.2	180.9

<sup>1</sup> Does not include well drilling or rig building.

<sup>2</sup> Cash payments only; value of board, room, and tips cannot be computed.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in Monthly Labor Review and in mimeographed releases.

No. 217.—EMPLOYMENT AND PAY ROLLS OF THE FEDERAL GOVERNMENT BY BRANCH: 1929 TO 1945

[Includes data for employees outside continental United States, force-account (temporary) construction workers, and fourth-class postmasters]

YEAR OR MONTH	EMPLOYMENT					PAY ROLLS (THOUSANDS OF DOLLARS)				
	Average for year or as of first of month					Total for year or for month				
	Total	Executive <sup>1</sup>	Legis- lative	Judicial	Govt. corpo- ra-tions <sup>2</sup>	Total	Executive <sup>1</sup>	Legis- lative	Judicial	Govt. corpo- ra-tions <sup>2</sup>
1929	506,492	575,585	4,092	1,590	15,219	1,079,940	1,037,195	11,303	5,435	26,007
1930	643,747	622,891	4,231	1,752	14,873	1,117,078	1,074,162	11,686	5,871	26,259
1931	627,377	606,542	4,310	1,816	14,700	1,128,549	1,085,579	11,904	6,049	25,317
1932	621,636	599,542	4,386	1,782	15,946	1,050,324	1,016,150	11,552	5,794	25,828
1933	650,064	604,397	4,407	1,760	19,500	972,297	926,909	10,555	5,009	29,708
1934	718,744	690,883	4,731	1,825	21,305	1,169,514	1,118,178	12,521	5,302	33,513
1935	819,070	789,447	4,910	1,886	22,836	1,417,937	1,361,461	13,906	5,702	36,918
1936	894,973	863,380	5,124	2,035	23,524	1,604,760	1,546,270	14,429	5,946	38,116
1937	896,931	864,283	5,203	2,110	25,335	1,611,609	1,550,574	14,455	6,017	40,863
1938	899,962	867,697	5,233	2,144	24,888	1,626,462	1,563,949	14,511	6,370	41,632
1939	960,426	927,643	5,373	2,260	25,150	1,757,278	1,692,811	14,765	6,691	43,011
1940	1,067,650	1,032,893	5,879	2,441	26,337	1,978,159	1,910,792	15,640	7,444	44,283
1941	1,430,780	1,392,605	6,081	2,543	29,551	2,702,530	2,628,571	16,032	7,766	50,161
1942	2,303,528	2,262,203	6,401	2,633	32,289	4,843,719	4,763,173	16,625	8,083	55,828
1943	3,221,846	3,177,743	6,171	2,636	35,293	7,898,070	7,806,932	17,785	9,041	64,321
1944	3,350,538	3,305,844	6,180	2,660	35,845	8,301,467	8,206,707	18,127	9,275	67,209
1945	3,595,734	3,552,283	6,375	2,753	34,323	8,100,329	8,004,415	20,376	10,232	65,307
Jan.	3,449,802	3,406,672	6,160	2,638	34,332	697,247	689,461	1,593	744	5,449
Feb.	3,516,040	3,473,254	6,561	2,643	34,182	662,047	654,307	1,612	782	5,346
March	3,574,833	3,531,808	6,281	2,632	34,112	712,581	704,713	1,625	781	5,403
April	3,613,189	3,570,080	6,346	2,626	34,117	687,700	679,632	1,627	782	5,359
May	3,672,391	3,629,928	6,361	2,617	34,085	701,274	693,471	1,635	777	5,391
June	3,718,860	3,675,768	6,349	2,613	34,130	715,016	707,062	1,657	810	5,481
July	3,826,861	3,782,967	6,444	2,706	34,744	728,436	720,324	1,771	841	5,500
Aug.	3,821,453	3,777,605	6,412	2,866	34,570	608,444	600,240	1,779	857	5,609
Sept.	3,727,474	3,683,661	6,445	2,833	34,455	631,095	622,992	1,749	865	5,489
Oct.	3,495,546	3,451,871	6,388	2,878	34,409	591,320	583,108	1,749	940	5,433
Nov.	3,300,038	2,556,349	6,373	2,942	34,374	571,666	563,626	1,757	912	5,371
Dec.	3,431,746	3,388,037	6,384	2,991	34,334	703,603	695,089	1,822	1,135	5,457

<sup>1</sup> Includes certain Government corporations.

<sup>2</sup> Data are for employees of the Panama R. R. Co., the Federal Reserve Banks, and banks of the Farm Credit Administration, and for other corporations when not included in the executive branch. Employees of Government corporations are paid out of operating revenues and not out of Federal appropriations.

Source: U. S. Department of Labor, Bureau of Labor Statistics, except for the executive branch. Data for the executive branch are based on reports of the Civil Service Commission. Current data are published in the Monthly Labor Review.

## FEDERAL EMPLOYEES

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## No. 218.—PAID EMPLOYEES IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT, BY AGENCY FOR JUNE, 1942 TO 1945

AGENCIES	ENTIRE SERVICE				WASHINGTON, D. C. METROPOLITAN AREA			
	1942	1943	1944	1945	1942	1943	1944	1945
	Total	2,206,970	3,157,113	3,812,256	3,769,646	268,383	1280,811	270,019
Executive Office of the President:					257,808			
White House Office	49	51	50	61	49	51	50	61
Bureau of the Budget	459	556	546	565	459	556	526	542
National Resources Planning Board	386	260			217	149		
Executive Mansion and Grounds	99	61	87	80	99	61	87	80
Other	898	3	3		687	3	3	
War Establishments:								
Office for Emergency Management	29,846	93,297	84,265	78,761	18,042	24,549	22,258	17,387
Board of Economic Warfare	1,859	3,383	(2)		1,830	2,885	(2)	
Office of Censorship	9,008	12,206	11,617	6,430	631	772	655	368
Office of Price Administration	16,539	57,101	59,783	64,517	4,795	5,118	4,284	4,218
Office of Strategic Services		1,508	2,110	2,507		1,302	1,799	1,839
Petroleum Administration for War		1,394	1,254	980		868	831	660
Selective Service System	26,114	24,363	23,002	18,471	699	738	618	530
Smaller War Plants Corp.				1,750				375
War Refugee Board			31	11			29	11
Other	1,560	11	86	5	881	11	32	5
Executive Departments:								
State	6,904	8,384	9,044	10,895	2,434	2,963	3,214	3,741
Treasury	67,997	82,089	93,692	96,614	24,434	24,425	23,800	22,173
War	824,698	1,423,821	1,503,214	1,880,995	54,450	57,209	54,288	51,719
Justice	28,129	30,695	29,042	26,417	7,265	9,282	8,218	7,557
Post Office	319,763	316,357	352,773	378,849	6,173	7,794	8,321	6,873
Navy	449,042	665,071	763,632	755,080	45,012	49,573	51,450	46,670
Interior	47,355	43,455	42,378	44,683	5,401	4,713	4,831	4,686
Agriculture	92,867	108,523	77,720	81,984	11,146	10,752	10,195	10,284
Commerce	24,346	31,420	30,501	68,706	12,189	11,774	10,103	11,881
Labor	4,945	9,563	6,074	5,950	2,242	2,021	1,974	1,893
Independent Agencies:								
Board of Governors, Federal Reserve System	461	475	455	446	441	459	435	429
Civil Service Commission	7,832	6,988	6,895	6,838	4,486	3,328	3,325	3,167
Employees' Compensation Comm.	529	528	505	497	31	30	32	32
Export-Import Bank	46	58	56	60	46	58	56	60
Federal Communications Comm.	2,041	2,177	1,658	1,513	1,042	1,031	900	889
Federal Deposit Insurance Corp.	2,644	2,204	1,721	1,377	570	267	246	217
Federal Power Commission	870	678	667	636	574	456	484	495
Federal Security Agency	33,271	32,900	30,752	32,749	10,306	7,318	6,887	6,867
Federal Trade Commission	639	497	446	450	558	434	390	393
Federal Works Agency	36,053	22,140	20,252	20,309	15,085	14,021	14,363	13,833
General Accounting Office	7,401	8,767	11,970	13,672	7,401	7,254	7,588	7,816
Government Printing Office	7,717	9,793	7,086	6,834	7,717	7,931	7,031	6,748
Interstate Commerce Comm.	2,644	2,241	2,120	2,015	1,812	1,552	1,424	1,345
Maritime Commission	5,314	8,486	10,557	10,770	2,304	2,937	3,453	3,780
National Advisory Commission for Aeronautics	2,603	3,969	6,068	6,449	132	150	120	118
National Archives	525	328	349	337	511	318	340	330
National Capital Housing Authority	3219	248	243	221	219	248	243	221
National Housing Agency	13,970	19,756	18,294	15,633	4,061	3,763	3,200	3,053
National Labor Relations Board	997	812	702	843	432	361	297	337
National Mediation Board	77	103	87	106	28	32	24	37
Panama Canal	32,986	42,754	42,529	41,287	249	193	161	154
Railroad Retirement Board	1,806	1,661	1,775	1,809	18	20	21	17
Reconstruction Finance Corp.	5,664	8,603	8,208	12,645	3,033	3,744	3,791	4,451
Securities and Exchange Comm.	1,439	1,288	1,151	1,151	19	10	9	8
Smithsonian Institution	845	748	779	764	845	736	768	761
Tariff Commission	320	302	303	298	311	290	293	287
Tax Court of the U. S.	5,131	125	122	121	6,131	126	122	121
Tennessee Valley Authority	40,867	28,421	21,025	12,348	10	10	9	7
Veterans' Administration	43,984	53,349	50,510	65,143	6,664	5,983	6,393	8,305
Other	212	192	38	14	212	183	38	13

<sup>1</sup> Includes approximately 3,000 W. O. C. and \$1-a-year employees. <sup>2</sup> Included in Office for Emergency Management.

<sup>3</sup> Alley Dwelling Authority prior to May 21, 1943. <sup>4</sup> Includes Panama Railroad Company.

<sup>5</sup> Board of Tax Appeals prior to Oct. 22, 1942.

Source: Civil Service Commission, Monthly Report of Employment.

No. 219.—PAID EMPLOYEES IN THE EXECUTIVE BRANCH OF THE FEDERAL GOVERNMENT: 1816 TO 1945

[This table covers all civil employees in the executive branch of the U. S. Government, including those outside continental U. S. Temporary substitute employees in the Post Office Department are included beginning 1941. Employees of the District of Columbia Government are excluded. Number on and prior to June 30, 1937, refers to employees on the roll, with or without pay, on last day of month; from June 1938 through June 1942, number on the pay roll with pay on the last regular pay period of the month; June 1943 and after, number in active duty status as of the last day of the month.]

JUNE	Total number <sup>1</sup>	JUNE	Total number	Wash., D. C. metrop. area	All other areas <sup>2</sup>	JUNE	Total number	Wash., D. C. metrop. area	All other areas <sup>2</sup>
1816-----	6,327	1921-----	4562,252	78,865	483,387	1934-----	673,095	89,132	583,963
1821-----	8,211	1922-----	527,517	69,980	457,537	1935-----	719,440	103,453	615,987
1831-----	19,800	1923-----	515,772	66,290	449,482	1936-----	824,259	117,103	707,156
1841-----	23,700	1924-----	521,641	64,120	457,521	1937-----	841,664	115,409	726,255
1851-----	33,300	1925-----	532,798	63,756	469,042	1938-----	851,926	115,590	736,336
1861-----	49,200	1926-----	528,542	60,811	467,731	1939-----	920,310	123,364	796,946
1871-----	53,900	1927-----	527,228	59,800	467,428	1940-----	1,014,117	133,856	880,261
1881-----	107,000	1928-----	640,867	61,388	479,479	1941-----	1,370,110	184,236	1,185,874
1891-----	166,000	1929-----	559,579	63,904	495,675	1942-----	2,206,970	268,383	1,938,587
1901-----	256,000	1930-----	580,494	68,510	511,984	1943-----	3,157,113	280,811	2,876,302
1911-----	391,350	1931-----	588,206	71,693	516,513	1944-----	3,312,256	270,019	3,042,237
1918-----	391,760	1932-----	583,196	68,793	514,403	1945-----	3,769,646	257,808	3,511,838
1920-----	4,691,116	1933-----	572,091	65,437	506,654				

<sup>1</sup> Approximate prior to 1921.

<sup>2</sup> Includes areas outside continental United States.

<sup>3</sup> As of Nov. 11.

<sup>4</sup> As of July 31.

<sup>5</sup> Revised.

<sup>6</sup> Includes approximately 3,000 W.O.C. and \$1-a-year employees.

Source: Civil Service Commission; Annual Report; Semiannual and Monthly Report of Employment.

No. 220.—CIVIL SERVICE—CLASSIFIED COMPETITIVE POSITIONS, PERSONS EXAMINED, PASSED, AND APPOINTED: 1884 TO 1945

YEAR ENDED JUNE 30--	Com- petitive classi- fied posi- tions <sup>1</sup>	Ex- amined	Passed	Per- cent that passed	Ap- pointed	YEAR ENDED JUNE 30--	Com- petitive classi- fied posi- tions <sup>1</sup>	Ex- amined	Passed	Per- cent that passed	Ap- pointed
1884-----	13,780	3,542	2,044	57.7	489	1915-----	292,291	167,795	114,632	68.3	36,397
1885-----	15,590	6,347	4,141	65.2	1,800	1916-----	293,926	154,722	113,792	73.5	42,058
1886-----	17,273	7,602	5,034	66.2	1,881	1917-----	326,899	212,114	152,553	71.9	86,312
1887-----	19,345	15,852	10,746	67.8	4,442	1918-----	642,432	551,391	387,963	70.4	213,530
1888-----	22,577	11,281	6,868	60.9	2,616	1919-----	592,961	488,259	299,826	68.4	179,533
1889-----	29,650	19,060	11,978	62.8	3,781	1920-----	497,603	293,327	193,915	66.1	116,309
1890-----	30,626	22,994	13,947	60.7	5,182	1921-----	448,112	303,309	203,209	67.0	101,711
1891-----	33,873	19,074	12,756	67.0	5,395	1922-----	420,688	206,007	128,952	62.6	63,867
1892-----	37,523	19,460	12,160	62.5	3,961	1923-----	411,398	204,200	122,918	60.2	57,604
1893-----	43,915	24,838	14,008	56.4	4,291	1924-----	415,593	225,723	135,451	60.0	67,349
1894-----	45,821	37,379	22,181	58.2	4,704	1925-----	423,538	201,415	122,496	60.8	50,164
1895-----	54,222	31,036	19,811	63.8	4,793	1926-----	422,300	202,846	105,964	52.2	38,916
1896-----	87,044	31,179	20,714	66.4	5,080	1927-----	422,998	251,679	106,937	42.4	42,063
1897-----	85,886	50,571	29,474	58.3	3,047	1928-----	431,763	238,997	123,830	52.2	40,317
1898-----	89,306	45,712	30,600	66.9	7,870	1929-----	445,957	243,510	125,725	51.6	47,913
1899-----	93,144	49,164	36,312	74.0	9,557	1930-----	462,083	267,429	132,991	49.7	41,075
1900-----	94,893	46,602	34,965	75.0	9,889	1931-----	468,050	249,438	121,670	48.9	41,528
1901-----	106,205	48,093	33,521	60.7	10,291	1932-----	467,161	257,109	89,717	54.8	25,080
1902-----	107,990	60,558	40,509	66.9	13,298	1933-----	456,096	191,771	89,082	46.4	12,216
1903-----	135,453	109,829	87,983	80.1	40,270	1934-----	450,592	295,447	169,555	57.2	22,757
1904-----	154,093	127,846	100,078	78.3	48,909	1935-----	455,229	430,111	198,266	46.1	36,182
1905-----	171,807	148,063	111,741	78.1	38,990	1936-----	498,725	732,229	389,052	53.1	51,777
1906-----	184,178	117,277	91,345	77.9	39,050	1937-----	532,073	820,681	393,920	48.0	75,648
1907-----	194,323	129,317	93,920	72.6	43,003	1938-----	562,909	388,404	197,424	50.8	51,454
1908-----	206,637	161,793	120,760	74.6	42,153	1939-----	622,832	556,571	254,005	45.7	72,108
1909-----	224,940	158,484	123,449	77.9	40,943	1940-----	726,827	839,112	574,890	44.7	123,799
1910-----	222,278	115,644	87,769	75.0	43,585	1941-----	990,233	2,447,463	1,273,290	52.0	306,000
1911-----	227,657	105,024	70,159	66.8	23,256	1942-----					\$1,549,678
1912-----	217,392	106,078	59,251	55.9	20,968	1943-----					\$1,607,124
1913-----	282,597	141,905	94,350	66.5	35,154	1944-----					\$1,982,118
1914-----	292,460	215,537	147,526	68.4	41,935	1945-----					\$1,826,159

<sup>1</sup> Figures for years prior to fiscal year ending June 30, 1934, are approximate.

<sup>2</sup> July 16, 1883, to Jan. 15, 1884.

<sup>3</sup> Jan. 16, 1884, to Jan. 15, 1885.

<sup>4</sup> Jan. 16, 1885, to Jan. 15, 1886.

<sup>5</sup> Jan. 16, 1886, to June 30, 1887.

<sup>6</sup> Excludes 68 employees occupying classified positions in the Administrative Office of the U. S. Courts.

<sup>7</sup> Revised.

<sup>8</sup> Includes War Service appointments, temporary, etc.

Source: Civil Service Commission, Annual Report and records.

No. 221.—INJURIES TO CIVIL EMPLOYEES OF THE UNITED STATES AND CLAIMS RECEIVED UNDER U. S. EMPLOYEES' ACT: SEPT. 7, 1916, TO DEC. 31, 1945

NOTE.—The U. S. Employees' Compensation Commission, created by act of Sept. 7, 1916, is charged with the duty of administering the law providing compensation for civil employees of the United States who suffer personal injury while in the performance of official duties. This table does not include data for Civilian Conservation Corps enrollees or for persons employed as civil employees of the United States on work relief projects financed through funds provided by the several Federal emergency relief appropriations, excepting those administrative employees who are eligible for benefits under the act of 1916.

PERIOD COVERED	INJURIES REPORTED			CLAIMS RECEIVED FOR DISABILITY AND DEATH				
	Nonfatal	Fatal	Total	Percent change from previous year	Disability	Death	Total	Percent change from previous year
Sept. 7, 1916, to Dec. 31, 1924.	157,945	3,321	161,266	-----	70,559	2,643	73,202	-----
Year ending Dec. 31—								
1925	20,377	314	20,691	+7.74	6,987	274	7,261	+2.07
1926	19,208	319	19,527	-5.63	6,830	274	7,104	-2.16
1927	20,190	357	20,547	+5.23	7,272	285	7,557	+6.38
1928	21,886	303	22,189	+7.99	7,928	250	8,187	+8.34
1929	25,376	314	25,690	+15.78	9,074	263	9,337	+14.05
1930	25,775	294	26,069	+1.48	9,077	206	9,283	-5.58
1931	28,176	262	28,438	+9.09	9,240	168	9,408	+1.36
1932	25,117	231	25,348	-10.87	7,639	190	7,829	-16.78
1933	24,020	230	25,150	-7.78	7,226	188	7,414	-5.30
1934	34,121	292	34,413	+36.83	10,124	238	10,362	+39.76
1935	32,822	307	33,129	-3.73	8,670	250	8,920	-13.92
1936	38,119	391	38,510	+16.24	7,711	313	8,024	-10.04
1937	37,304	329	37,633	-2.12	6,754	260	7,014	-12.59
1938	38,069	302	38,371	+1.80	6,101	222	6,323	-9.85
1939	42,939	269	43,208	+12.61	6,638	197	6,835	+8.10
1940	49,700	335	50,035	+15.80	7,237	263	7,500	+9.73
1941	70,070	585	70,655	+41.21	9,870	378	10,248	+36.64
1942	121,094	767	121,861	+72.47	13,540	432	13,972	+36.34
1943	165,036	1,629	166,665	+36.77	23,148	747	23,895	+71.02
1944	146,410	2,182	148,542	-10.87	22,927	1,046	23,973	+1.38
1945	124,785	1,044	125,829	-15.29	17,858	468	18,321	-23.58
Total, Sept. 7, 1916 to Dec. 31, 1945, inclusive.	1,269,409	14,327	1,283,826	-----	282,410	9,550	291,969	-----

Source: U. S. Employees' Compensation Commission, Annual Report.

No. 222.—ESTIMATED AVERAGE MONTHLY EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS: 1929 to 1945<sup>1</sup>

[In thousands]

YEAR	Total	Education	Other	YEAR	Total	Education	Other
1929	2,532	1,121	1,411	1938	3,054	1,239	1,815
1930	2,622	1,150	1,472	1939	3,000	1,267	1,823
1931	2,704	1,160	1,544	1940	3,201	1,295	1,906
1932	2,667	1,148	1,518	1941	3,193	1,297	1,897
1933	2,601	1,122	1,479	1942	3,144	1,291	1,862
1934	2,647	1,122	1,525	1943	3,049	1,278	1,771
1935	2,728	1,152	1,577	1944	3,041	1,274	1,767
1936	2,842	1,174	1,668	1945	3,074	1,272	1,801
1937	2,923	1,206	1,717				

<sup>1</sup> Includes school districts and other special-purpose agencies. Excludes military and work-relief employment and pay rolls. Data for 1940-45 are subject to revision.

Source: Department of Labor, Bureau of Labor Statistics. 1929-39, records of the State, County, and Municipal Survey; 1940-45, Bureau of the Census and U. S. Office of Education data, adjusted to exclude nominal nonschool employees and to include noninstructional education staff.

## No. 223.—AVERAGE HOURS AND EARNINGS OF WAGE EARNERS IN MANUFACTURING: 1923 TO 1945

[Data for the years 1932 to 1945 are averages of the 12 monthly figures regularly published by the Bureau of Labor Statistics. For the earlier years the averages are derived from information collected in special surveys of wages in various manufacturing industries and from Bureau of Census and Bureau of Labor Statistics data of employment and pay rolls]

YEAR	Average hourly earnings	Average weekly hours	Average weekly earnings	YEAR	Average hourly earnings	Average weekly hours	Average weekly earnings
1923	\$0.522	45.6	\$23.82	1935	\$0.550	36.6	\$20.13
1924	.547	43.7	23.93	1936	.556	39.2	21.78
1925	.547	44.5	24.37	1937	.624	38.6	24.05
1926	.548	45.0	24.65	1938	.627	35.6	22.30
1927	.550	45.0	24.74	1939	.633	37.7	23.86
1928	.562	44.4	24.97	1940	.661	38.1	25.20
1929	.565	44.2	25.08	1941	.729	40.6	20.58
1930	.552	42.1	23.25	1942	.853	42.9	36.65
1931	.515	40.5	20.87	1943	.961	44.9	43.14
1932	.446	38.3	17.05	1944	1.019	45.2	46.08
1933	.442	38.1	16.73	1945	1.023	43.4	44.41
1934	.532	34.6	18.40				

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in Monthly Labor Review.

## No. 224.—AVERAGE HOURS AND EARNINGS IN 25 MANUFACTURING INDUSTRIES: 1925 TO 1944

[Data cover a representative number of plants which employed 2,487,000 workers during 1944. The earnings are computed by weighting the average earnings in each industry according to the relative importance of the industry as revealed by the Federal Biennial Census of Manufactures for 1923. In addition, each labor group is weighted according to the relative proportion of the group in each industry as revealed in the Conference Board's studies during the 3-year period 1927-29. The pay-roll data are based upon the first full week in each month, or, if a generally recognized holiday falls in that week, upon the succeeding week. Hourly earnings are not wage rates, because they include overtime and other monetary compensation]

CLASS OF WORKER AND ITEM	ANNUAL AVERAGE											
	1925	1929	1930	1932	1935	1938	1939	1940	1941	1942	1943	1944
All wage earners:												
Weekly earnings (\$)	27.08	28.55	25.84	17.05	22.23	24.43	27.04	28.54	33.62	40.03	45.88	48.83
Hourly earnings (\$)	.561	.590	.589	.498	.599	.716	.720	.739	.814	.924	1.014	1.067
Hours per week per wage earner	48.2	48.3	48.9	34.8	37.2	34.3	37.6	38.6	41.2	43.0	45.0	45.6
Male, unskilled <sup>1</sup> :												
Weekly earnings (\$)	22.93	24.40	21.90	14.48	18.82	20.67	22.82	23.81	28.19	33.49	38.86	41.07
Hourly earnings (\$)	.455	.486	.478	.400	.495	.586	.594	.611	.682	.773	.854	.892
Hours per week per wage earner	50.3	50.2	45.9	36.4	37.0	35.5	38.6	38.3	41.4	43.1	45.4	46.0
Male, skilled and semi-skilled <sup>1</sup> :												
Weekly earnings (\$)	31.20	32.60	20.17	19.48	24.98	27.49	30.53	32.41	38.32	46.31	54.10	57.85
Hourly earnings (\$)	.644	.668	.663	.559	.666	.802	.808	.827	.914	1.043	1.164	1.227
Hours per week per wage earner	48.6	48.8	44.0	35.1	37.7	34.4	37.0	39.2	42.0	44.3	46.4	47.1
Female:												
Weekly earnings (\$)	17.17	17.61	15.98	11.73	15.37	15.69	17.02	17.43	20.29	23.95	28.83	31.21
Hourly earnings (\$)	.389	.398	.395	.325	.437	.482	.475	.491	.533	.609	.690	.752
Hours per week per wage earner	44.1	44.2	40.5	36.3	35.2	32.6	35.8	35.5	38.0	39.2	41.1	41.3

<sup>1</sup> 24 industries beginning 1938; adequate data for silk and rayon industry not available.

Source: National Industrial Conference Board, New York, N. Y.; data are published in Management Almanac and Economic Almanac; monthly figures are published currently in Conference Board Management Record.

No. 225.—AVERAGE HOURS AND EARNINGS OF WAGE EARNERS IN SELECTED MANUFACTURING INDUSTRIES: 1939, 1943, AND 1944

[The averages presented in this table are based on monthly data supplied by cooperating establishments covering both full- and part-time wage earners. As not all reporting firms furnish man-hour data, average hours and average hourly earnings for individual industries are based on a slightly smaller sample than are weekly earnings.]

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1939		1943	1939		1943	1939		1944
All manufacturing industries <sup>1</sup>	\$23.86	\$43.14	\$46.08	37.7	44.9	45.2	\$0.633	\$0.961	\$1.019
Durable goods	26.50	49.30	52.07	38.0	46.6	46.6	.698	1.059	1.117
Nondurable goods	21.78	34.12	37.12	37.4	42.5	43.1	.582	.803	.861
Blast furnaces, steel works, and rolling mills <sup>1</sup>	29.88	49.77	54.02	35.3	44.3	46.3	.845	1.124	1.167
Gray-iron and semisteel castings	25.93	47.39	51.34	37.1	47.3	47.7	.699	1.003	1.077
Steel castings	27.97	48.79	51.59	36.9	46.4	46.2	.759	1.052	1.116
Hardware <sup>1</sup>	23.13	42.66	45.43	38.9	47.8	47.3	.593	.892	.960
Stoves, oil burners, and heating equipment, not elsewhere classified	25.25	43.10	47.20	38.1	46.4	46.8	.666	.930	1.008
Steam and hot-water heating apparatus and steam fittings	26.19	46.60	48.47	37.6	47.9	47.7	.697	.974	1.016
Stamped and enameled ware and galvanizing	23.92	43.47	46.74	38.1	45.5	45.7	.627	.955	1.022
Fabricated structural and ornamental metalwork	27.95	51.28	54.79	38.5	48.6	48.7	.727	1.055	1.126
Firearms	27.28	57.66	60.50	41.3	47.9	47.1	.660	1.203	1.284
Electrical equipment	27.95	48.02	50.37	38.7	47.3	46.8	.722	1.014	1.076
Radios and phonographs	22.34	39.18	41.22	38.5	46.2	45.8	.581	.848	.900
Communication equipment	28.74	41.51	44.66	38.3	46.0	45.3	.751	.901	.978
Machinery and machine-shop prod.	28.76	51.23	53.27	39.4	48.9	48.2	.730	1.045	1.103
Engines and turbines	28.67	58.04	60.25	37.4	50.1	49.1	.767	1.164	1.322
Tractors	32.13	51.40	53.12	38.3	46.7	47.0	.839	1.100	1.131
Machin tools	32.25	54.37	57.39	42.9	50.9	50.7	.752	1.068	1.131
Cars, electric and steam-railroad	26.71	49.07	52.83	36.0	45.1	46.2	.741	1.089	1.144
Aircraft and parts, excluding aircraft engines	30.34	49.76	54.50	41.5	46.4	47.1	.745	1.072	1.159
Aircraft engines	36.58	59.81	61.14	44.1	47.4	46.6	.835	1.262	1.312
Shipbuilding and boatbuilding	31.91	60.84	63.84	38.0	47.5	47.5	.835	1.280	1.344
Smelting and refining, primary, of non-ferrous metals	26.67	46.07	48.80	38.2	44.8	46.1	.699	1.029	1.060
Alloying and rolling and drawing of nonferrous metals, except aluminum	28.77	52.15	53.81	39.6	47.8	48.1	.729	1.092	1.120
Aluminum manufactures	27.49	48.55	49.48	39.3	46.9	46.5	.699	1.036	1.063
Sawmills and logging camps	18.29	30.65	33.18	38.4	42.5	42.5	.476	.722	.779
Planing and plywood mills	22.17	34.71	37.18	41.1	44.8	45.2	.540	.777	.824
Furniture	20.51	33.54	36.64	38.9	44.1	44.1	.530	.764	.834
Glass and glassware	25.32	37.37	39.66	35.2	41.4	42.1	.721	.903	.943
Brick, tile, and terra cotta	20.55	30.45	32.90	37.8	40.3	41.6	.543	.751	.786
Pottery and related products	22.74	33.30	35.70	37.2	40.8	41.3	.625	.825	.875
Cotton manufactures, except small-wares	14.26	24.43	26.45	36.7	41.5	42.0	.389	.590	.629
Silk and rayon goods	15.73	26.93	28.98	36.5	41.7	42.0	.429	.645	.690
Woolen and worsted manufactures, except dyeing, and finishing	19.21	33.67	35.48	36.4	41.6	42.2	.528	.809	.841
Hosiery	18.98	26.84	28.95	35.6	38.7	38.5	.536	.695	.753
Dyeing and finishing textiles, including woolen and worsted	20.82	32.09	34.21	38.6	44.3	44.9	.535	.724	.761
Men's clothing, n. e. c.	19.32	28.66	31.90	33.2	38.1	38.7	.581	.750	.823
Shirts, collars, and nightwear	13.75	21.76	24.11	34.6	37.4	37.1	.398	.582	.650
Women's clothing, n. e. c.	19.20	32.29	37.07	33.9	37.4	37.0	.519	.848	.973
Boots and shoes	17.83	28.18	31.15	35.7	39.2	40.4	.503	.717	.768
Slaughtering and meat packing	27.85	40.43	45.42	40.6	46.5	49.5	.686	.872	.921
Baking	25.70	35.46	38.04	41.7	44.6	45.4	.621	.797	.839
Confectionery	18.64	27.30	30.19	35.1	41.4	41.9	.492	.664	.723
Malt liquors	35.01	47.10	51.28	38.3	44.7	46.0	.916	1.057	1.116
Canning and preserving	16.77	27.50	30.57	37.0	38.9	40.1	.464	.715	.769
Paper and pulp	24.92	39.36	42.41	40.3	46.3	48.0	.620	.850	.883
Paper boxes	21.78	32.27	34.55	40.2	43.7	43.7	.547	.736	.793
Newspapers and periodicals	37.53	44.89	48.34	36.1	37.2	38.2	1.004	1.187	1.247
Printing, book and job	30.30	37.92	42.64	38.3	41.4	42.3	.804	.915	1.003
Drugs, medicines, and insecticides	24.16	33.50	34.80	39.7	43.6	43.2	.592	.768	.809
Rayon and allied products	24.52	36.57	38.81	37.9	41.9	42.9	.646	.874	.905
Chemicals, not elsewhere classified	31.30	48.75	51.65	40.0	45.8	46.7	.784	1.064	1.105
Explosives and safety fuses	29.99	47.29	47.02	38.8	46.6	46.0	.773	1.015	1.021
Ammunition, small-arms	22.68	42.35	45.11	39.0	46.1	46.5	.612	.918	.970
Petroleum refining	34.97	53.49	58.23	36.1	44.5	46.6	.974	1.201	1.250
Rubber tires and inner tubes	33.36	53.68	57.84	35.0	45.3	46.1	.957	1.187	1.256
Rubber goods, other	23.34	39.16	41.97	38.9	44.8	44.9	.605	.876	.936

<sup>1</sup> Data are not strictly comparable with those shown under same title in the 1942 and previous issues of the Statistical Abstract.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in Monthly Labor Review and in mimeographed releases.

**NO. 226.—AVERAGE HOURLY WAGE RATES (STRAIGHT-TIME HOURLY EARNINGS) FOR MEN IN SELECTED OCCUPATIONS IN SELECTED INDUSTRIES, BY WAGE AREA, JANUARY 1945**

[Hourly wage rates represent straight-time average hourly earnings exclusive of premium pay for overtime and night work. Incentive (piece rate or production bonus) earnings and cost of living bonuses were included, but non-incentive bonus earnings, such as Christmas or profit-sharing were excluded. The limited number of occupations included were selected to represent workers in these industries at different levels of pay]

OCCUPATION AND GRADE	Baltimore	Blr-ming-ham	Bos-ton	Buf-falo	Chat-tanooga	Chi-cago	Cleve-land	Den-ver	De-troit	Hous-ton	Los An-geles
<b>Foundries (ferrous):</b>											
Molders, floor	\$1.17		\$1.12	\$1.25	\$1.01	\$1.24	\$1.38	\$1.04	\$1.47	\$1.16	\$1.30
Molders, machine	1.45		1.13	1.38	.95	1.42	1.48	1.10	1.57	(1)	1.51
Shake-out men	1.01		.75	1.03	.60	.88	1.01	(1)	1.04	.63	.85
Truckers, hand	(1)		(1)	.86	.54	(1)	.87	(1)	.94		(1)
<b>Foundries (nonferrous):</b>											
Molders, floor	1.21	\$0.96	1.16	1.44		1.24	1.58	1.12	1.37		1.33
Molders, machine	.95	1.16	1.24	1.24		1.48	1.37	(1)	1.25		1.34
Shake-out men	.76	(1)	(1)	.89		.90	.96	.75	1.16		.92
<b>Machinery:</b> <sup>1</sup>											
Assemblers, class A	1.03	1.10	1.03	1.14	.88	1.18	1.18	1.25	1.38	1.13	1.18
Assemblers, class B	.84	.90	.91	1.00	.75	1.03	1.14	.95	1.29	.93	.90
Assemblers, class C	.71	(1)	.74	.87	(1)	.91	1.02	.79	1.16	.83	.94
Engine-lathe operators, class A	1.17	1.09	1.12	1.15	(1)	1.21	1.26	1.09	1.49	1.26	1.27
Engine-lathe operators, class B	.91	(1)	.94	1.02	(1)	1.07	1.21	.88	1.30	1.06	1.15
Engine-lathe operators, class C	.88		.76	.87	(1)	.97	1.16	(1)	1.08	(1)	.97
Janitors	.63	.52	.71	.75	(1)	.74	.82	.65	.91	.62	.83
Machinists, maintenance	1.12	1.15	1.09	1.08	1.05	1.25	1.27	1.05	1.40	1.37	1.33
Machinists, production	1.12	1.15	1.13	1.18	1.11	1.28	1.25	1.05	1.49	1.34	1.33
Tool and die makers	1.20	(1)	1.19	1.23	1.01	1.38	1.39	1.17	1.52	1.41	1.43
<b>Tool and die jobbing shop:</b>											
Janitors	(1)		(1)	(1)		.72	.74		.94		(1)
Machinists, production	1.14		1.03	(1)		1.38	1.38		1.51		1.40
Tool and die makers	1.26		1.32	1.32		1.61	1.52		1.75		1.62
 <b>OCCUPATION AND GRADE</b>											
	Mil-wau-keee	Min-neapoli-s	New-Ark	New-York	Phi-la-del-phi-a	Prov-i-dence	San-Fran-cisco	Seat-tle	Spring-field	St.-Louis	Tulsa
<b>Foundries (ferrous):</b>											
Molders, floor	\$1.29	\$1.08	\$1.22	\$1.24	\$1.27		\$1.29	\$1.25			\$1.08
Molders, machine	1.43	1.01	1.31	1.83	1.30		1.29	1.11			.90
Shake-out men	.89	.82	.76	1.08	.79		.95	.95			.75
Truckers, hand	.74	(1)	(1)	(1)	(1)		.98				
<b>Foundries (nonferrous):</b>											
Molders, floor	1.46		1.29	1.38	1.39		1.37	1.28	\$1.31		
Molders, machine	1.47	1.16	1.13	1.34	1.20		1.36	(1)	1.24		
Shake-out men	.88	.83	.85	.84	.81		.97	.95	(1)		
<b>Machinery:</b> <sup>1</sup>											
Assemblers, class A	1.20	1.07	1.20	1.17	1.12	\$0.97	1.29	1.27	1.17	\$1.07	1.05
Assemblers, class B	1.05	.97	1.05	.97	1.01	.89	1.08	1.23	1.04	.88	.85
Assemblers, class C	1.04	.81	.94	.78	.91	.77	.96	1.16	.89	.72	.74
Engine-lathe operators, class A	1.16	1.12	1.19	1.24	1.20	1.04	1.32	1.29	1.23	1.11	1.18
Engine-lathe operators, class B	1.03	1.00	1.01	1.01	1.07	.92	(1)	1.34	1.02	.88	.95
Engine-lathe operators, class C	.93	(1)	.78	.84	.84	.79	(1)		.86	.98	(1)
Janitors	.74	.72	.75	.77	.68	.67	.92	.90	.85	.69	.63
Machinists, maintenance	1.02	1.16	1.07	1.28	1.21	1.07	1.38	(1)	1.17	1.16	(1)
Machinists, production	1.12	1.13	1.20	1.23	1.24	1.03	1.39	1.42	.87	1.17	1.20
Tool and die makers	1.21	1.30	1.16	1.46	1.31	1.21	1.55	1.45	1.23	1.23	1.34
<b>Tool and die jobbing shop:</b>											
Janitors	.70	(1)	.74	(1)	.70	(1)			(1)	.58	
Machinists, production	1.17	1.22	1.22	1.29	1.38	1.15	1.29		1.07	1.35	
Tool and die makers	1.37	1.38	1.48	1.61	1.65	1.40	1.52		1.35	1.49	

<sup>1</sup> Insufficient number of workers to justify presentation of an average.

<sup>2</sup> Except electrical machinery, machine tools, and machine tool accessories.

No. 227.—AVERAGE EARNINGS OF WAGE EARNERS IN MANUFACTURING IN SELECTED MONTHS: 1939 TO 1945

MONTH AND YEAR	Average weekly earnings			Average hourly earnings			Estimated straight-time average hourly earnings weighted by January 1941 employment <sup>1</sup>		
	All manufacturing	Durable goods	Non-durable goods	All manufacturing	Durable goods	Non-durable goods	All manufacturing	Durable goods	Non-durable goods
1939: January	\$23.19	\$25.33	\$21.57	\$0.632	\$0.696	\$0.583	\$0.641	\$0.702	\$0.575
1940: January	24.56	27.39	22.01	.655	.717	.598	.652	.708	.589
1941: January	26.64	30.48	22.75	.683	.749	.610	.664	.722	.601
1942: January	33.40	38.98	26.97	.801	.890	.688	.751	.826	.668
1943: January	40.62	46.68	32.10	.919	1.017	.768	.810	.905	.726
1944: January	45.29	51.21	36.03	1.002	1.099	.838	.877	.965	.780
1945: January	47.50	53.54	38.66	1.046	1.144	.891	.920	1.005	.827
April	47.12	52.90	38.80	1.044	1.138	.899	.925	1.007	.836
July	45.12	50.60	38.59	1.032	1.126	.902	.933	1.017	.842
August	41.72	45.72	36.63	1.024	1.113	.909	(1)	(1)	(1)
September	40.87	43.95	37.80	.987	1.072	.903	.944	1.024	.856
October	40.97	44.23	37.76	.985	1.063	.909	.942	1.014	.863
December	41.21	44.08	38.52	.994	1.066	.927	.957	1.028	.880

<sup>1</sup> The method of estimating straight-time average hourly earnings makes no allowance for special rates of pay for work done on major holidays. Estimates for the months of Jan., July, Sept., and Nov., therefore, may not be precisely comparable with those for the other months in which important holidays are seldom included in the pay periods for which manufacturing establishments report to the Bureau. This characteristic of the data does not appear to invalidate the comparability of the figure for Jan. 1941 with those for the preceding and following months. Inapplicability of the formula to Aug. 1945 with its double holiday, in celebration of the Japanese surrender, prevents release of that month's estimates.

Source: Department of Labor, Bureau of Labor Statistics; published in Monthly Labor Review.

No. 228.—PERCENT OF INCREASE IN URBAN WAGE RATES, BY INDUSTRY GROUP: APRIL 1943 TO OCTOBER 1945

[The index of urban wage rates is intended to measure changes in basic rates of pay. It is based on changes in hourly wage rates (average hourly earnings in the case of incentive workers) exclusive of all premium payments for overtime and for work on second or third shifts. The information is collected through semiannual field visits to about 6,000 representative establishments, located in 69 wage areas centering in cities of 25,000 or more population. Data refer to the important manufacturing industries in each area and to a standard group of nonmanufacturing industries in all areas]

INDUSTRY GROUP	PERCENT OF INCREASE FROM—					
	April 1943 to October 1943	October 1943 to April 1944	April 1944 to October 1944	October 1944 to April 1945	April 1945 to October 1945 <sup>1</sup>	April 1943 to October 1945 <sup>2</sup>
All manufacturing industries	+3.8	+1.9	+2.2	+1.6	+1.0	+11.0
Food and kindred products	+3.2	+1.1	+1.9	+1.4	+2.4	+10.3
Tobacco manufactures	+1.1	+3.1	+1.7	+3.7	(3)	+10.0
Textile-mill products	+2.7	+2.7	+2.3	+1.1	+5.1	+14.8
Apparel and allied products	-.2	+5.0	+7.6	+6.7	-1.1	+19.1
Lumber and timber basic products	(3)	(3)	(3)	(3)	(3)	(3)
Furniture and finished lumber products	+3.4	+1.8	+2.9	+1.0	+4.4	+14.4
Paper and allied products	+5.2	+2	+1.7	+4	+4.5	+12.4
Printing, publishing, and allied industries	+3.1	+1.6	+2.5	+2.1	+1.8	+11.5
Chemicals and allied products	+2.4	+1.3	+1.2	+8	(3)	+5.7
Products of petroleum and coal	-.3	(6)	+3	+1	(3)	+1
Rubber products	+2.0	+2.5	+1.4	+2.0	+2.5	+10.8
Leather and leather products	+4.5	+4.0	+4.2	+4.2	+1.6	+19.9
Stone, clay, and glass products	(3)	(3)	(3)	(3)	(3)	(3)
Basic iron and steel	(7)	+7	-.6	+4	(3)	+5
Shipbuilding	.4	+4	+5	+8	+4	+2.5
Metalworking (except basic iron and steel and shipbuilding)	+5.4	+1.9	+2.0	+1.2	+3	+11.1
Selected nonmanufacturing industries	+8.4	+2.5	+4.2	+3.7	+2.9	+21.3
Wholesale trade	+2.5	+2.0	+2.9	+1.5	+5.9	+15.6
Retail trade	+9.2	+2.7	+5.7	+4.6	+2.1	+26.6
Finance, insurance, and real estate	+3.9	+3.1	+1.6	+4.5	+1.7	+15.6
Local utilities	+1.5	+1.1	+.3	+1.5	+3.1	+7.7
Service trades	+6.4	+2.4	+5.4	+3.2	+2.8	+21.7

<sup>1</sup> Estimated.

<sup>2</sup> Partially estimated.

<sup>3</sup> Data not available for Oct. 1945.

<sup>4</sup> Apr. 1943 to Apr. 1945.

Source: Department of Labor, Bureau of Labor Statistics; February 1946 Monthly Labor Review.

<sup>5</sup> Representation inadequate to show percent of increase.

<sup>6</sup> Less than one-tenth of 1 percent.

<sup>7</sup> Data not available for Apr. 1945.

<sup>8</sup> Oct. 1943 to Apr. 1945.

**No. 229.—AVERAGE HOURS AND EARNINGS OF WAGE EARNERS IN SELECTED NONMANUFACTURING INDUSTRIES: 1939, 1943, AND 1944**

[The averages presented in this table are based on monthly data supplied by cooperating establishments covering both full-time and part-time employees. As not all reporting firms furnish man-hour data, average hours, and average hourly earnings for individual industries are based on a slightly smaller sample than are weekly earnings]

INDUSTRY	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	1939	1943	1944	1939	1943	1944	1939	1943	1944
Anthracite mining.....	\$25.87	\$40.04	\$47.93	27.7	37.5	40.7	\$0.923	\$1.069	\$1.178
Bituminous coal mining.....	23.88	41.62	51.27	27.1	36.6	43.4	.886	1.139	1.186
Metaliferous mining.....	28.05	43.43	44.04	40.9	44.3	44.2	.708	.976	1.007
Quarrying and nonmetallic mining.....	21.61	36.23	39.59	39.2	46.0	46.3	.550	.789	.866
Crude petroleum producing.....	34.00	47.85	53.25	38.3	42.6	45.4	.873	1.100	1.161
Telephone.....	31.94	36.30	38.39	39.1	41.9	42.3	.822	.870	.911
Telegraph <sup>1</sup> .....	(2)	36.89	(2)	(2)	45.9	(2)	(2)	(2)	.804
Electric light and power.....	34.88	44.16	48.04	39.6	41.6	43.1	.869	1.053	1.107
Street railways and busses.....	33.13	44.32	47.04	45.9	49.5	50.4	.714	.880	.933
Wholesale trade.....	29.55	39.40	42.29	41.7	42.2	42.9	.715	.933	.985
Retail trade—total.....	21.17	24.88	26.58	43.0	40.5	40.3	.538	.670	.724
Retail trade—general merchandising.....	17.80	20.67	21.89	38.8	36.7	36.6	.454	.553	.595
Hotels (year round) <sup>2</sup> .....	15.25	20.21	22.65	47.1	44.7	44.5	.324	.451	.505
Laundries.....	17.69	23.60	27.00	42.7	44.0	43.8	.417	.549	.620
Cleaning and dyeing.....	10.96	27.08	30.90	41.8	44.2	44.0	.490	.649	.724
Brokerage.....	36.63	50.57	54.88	(2)	(2)	(2)	(2)	(2)	(2)
Insurance.....	36.32	41.87	44.87	(2)	(2)	(2)	(2)	(2)	(2)
Private building construction.....	30.39	48.13	52.07	32.6	38.4	39.5	.933	1.252	1.318

<sup>1</sup> Data exclude messengers and approximately 6,000 employees of general and divisional headquarters and of cable companies.

<sup>2</sup> Not available.

<sup>3</sup> Cash payments only; the additional value of board, room, and tips cannot be computed.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures are published currently in *Monthly Labor Review* and in mimeographed releases.

**No. 230.—AVERAGE RATES PER HOUR FOR UNSKILLED LABOR EMPLOYED IN ROAD BUILDING ON FEDERAL-AID PROJECTS, BY GEOGRAPHIC DIVISIONS: 1928 TO 1945**

YEAR	United States <sup>1</sup>	New Eng-land	Middle At-lantic	South At-lantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
1928.....	\$0.40	\$0.50	\$0.44	\$0.26	\$0.26	\$0.28	\$0.39	\$0.38	\$0.46	\$0.53
1929.....	.39	.51	.43	.27	.26	.31	.40	.38	.46	.53
1930.....	.39	.50	.42	.25	.25	.28	.38	.37	.47	.53
1931.....	.36	.45	.38	.21	.20	.23	.37	.36	.45	.51
1932.....	.32	.35	.36	.19	.19	.26	.36	.32	.44	.48
1933.....	.38	.37	.37	.26	.24	.31	.42	.37	.51	.52
1934.....	.42	.43	.41	.31	.30	.35	.50	.44	.55	.58
1935.....	.41	.45	.43	.31	.30	.36	.53	.47	.56	.57
1936.....	.40	.45	.47	.28	.29	.32	.52	.43	.53	.57
1937.....	.40	.47	.48	.26	.28	.30	.58	.46	.53	.62
1938.....	.40	.45	.50	.27	.28	.37	.60	.46	.55	.66
1939.....	.42	.48	.52	.29	.29	.37	.60	.45	.56	.65
1940.....	.46	.51	.54	.30	.34	.38	.62	.47	.55	.69
1941.....	.48	.55	.57	.36	.36	.40	.65	.50	.50	.75
1942.....	.58	.66	.67	.47	.42	.44	.76	.61	.72	.96
1943.....	.71	.89	.93	.58	.56	.54	.93	.78	.86	1.06
1944.....	.74	.91	.93	.66	.62	.61	.97	.81	.92	1.11
1945.....	.78	.95	.98	.69	.70	.68	.99	.84	.84	1.19

<sup>1</sup> Changes in United States wage rates are affected by the relative number of men employed in areas with higher or lower wage rates.

Source: Federal Works Agency, Public Roads Administration; records.

## No. 231.—INDEXES OF UNION WAGE RATES AND WEEKLY HOURS IN SELECTED TRADES: 1915 TO 1945

[Data for the earlier years cover 39 cities. The coverage was gradually extended until 75 cities were included. Prior to 1938 the figures were based upon the scale prevailing May 15 each year. From 1938 to 1942 the study was made as of June 1, except for building trades rates in 1942, which was made as of July 1. Since 1943 the data were collected as of July 1 for all trades. The relative wages are percentages which indicate the change in basic wage rates per hour. The relative hours are percentages showing the change in the regular full-time hours per week, account not being taken of loss of time from slack work or other causes, nor of overtime work]

[Rates and hours for 1939=100]

YEAR	BUILDING TRADES						PRINTING TRADES					
	All building trades		Journeymen		Helpers and laborers		All printing trades		Book and job		Newspaper	
	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours
1915	37.2	117.6	38.0	117.6	32.4	117.5	38.2	126.8	36.9	128.7	43.0	118.5
1916	38.4	117.2	39.3	117.1	33.5	117.2	38.6	126.8	37.5	128.7	43.2	118.5
1917	40.8	116.9	41.5	116.9	36.8	116.7	39.9	126.8	38.8	128.7	44.3	118.5
1918	45.3	116.3	45.9	116.2	42.6	116.3	43.4	126.8	43.0	128.7	46.4	118.5
1919	51.9	115.7	52.4	115.7	49.3	115.2	53.1	126.8	53.0	128.6	56.0	118.7
1920	70.0	115.1	70.1	115.2	71.5	114.5	68.1	123.1	69.1	123.8	68.5	118.6
1921	71.3	115.0	71.4	115.1	72.2	114.5	74.6	115.6	76.1	113.9	74.5	118.3
1922	66.9	115.0	67.3	115.2	65.7	114.2	75.4	115.2	76.4	112.5	75.2	120.6
1923	73.9	115.1	74.2	115.3	69.7	114.4	77.7	114.7	79.4	111.8	76.0	120.4
1924	79.8	115.1	80.1	115.3	75.4	114.4	81.5	114.2	82.7	111.8	80.6	118.7
1925	82.9	115.1	83.1	115.3	77.9	114.2	82.7	114.2	83.5	111.9	82.0	118.4
1926	88.3	114.9	88.7	115.1	84.9	113.9	84.5	114.1	85.4	111.7	83.8	118.6
1927	91.3	114.7	91.7	114.8	86.4	113.9	87.0	114.0	87.5	111.7	80.3	118.3
1928	91.9	114.0	92.4	114.0	87.3	113.8	88.6	114.0	88.7	111.7	88.5	118.0
1929	93.1	113.8	93.6	113.8	88.8	113.5	89.0	113.9	89.9	111.6	90.0	117.8
1930	97.0	109.8	97.5	110.0	93.3	109.0	91.3	113.8	91.5	111.5	90.9	117.6
1931	97.3	108.5	97.8	108.5	92.8	108.1	91.8	113.7	92.1	111.5	91.2	117.6
1932	83.1	106.5	83.6	106.6	79.2	105.7	91.1	109.9	91.2	107.2	91.0	114.6
1933	80.8	106.2	81.4	106.2	75.7	105.2	85.7	109.0	86.1	106.1*	85.1	114.0
1934	81.4	102.3	81.8	102.3	77.9	101.9	87.5	103.4	88.5	102.4	86.2	105.0
1935	82.3	101.5	82.8	101.5	78.3	101.2	90.8	101.7	90.4	100.9	91.5	103.2
1936	85.3	101.5	85.5	101.5	82.9	101.4	92.9	101.3	93.0	101.0	92.8	101.9
1937	91.2	101.9	91.4	101.9	90.1	101.8	96.0	100.8	96.0	100.8	96.3	101.0
1938	99.3	102.2	99.3	100.1	99.2	100.2	99.1	100.3	99.2	100.3	98.8	100.5
1939	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1940	101.6	99.9	101.4	100.0	102.0	99.4	101.4	99.8	100.9	99.8	102.2	99.7
1941	105.3	100.3	105.0	100.5	106.8	99.7	102.6	99.8	102.0	99.8	103.6	99.3
1942	111.9	101.1	110.9	101.8	117.5	99.8	107.0	99.5	106.4	99.8	108.1	99.2
1943	112.7	101.0	111.5	102.0	118.9	98.1	110.4	99.8	109.3	100.1	112.6	99.2
1944	113.6	101.2	112.4	102.2	120.3	98.1	113.1	99.8	112.2	100.1	115.1	99.2
1945	116.0	101.2	114.4	102.2	125.9	98.1	114.6	99.8	113.7	100.1	116.7	99.2
TRADES												
	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945		
Motortruck drivers and helpers:												
Rate	88.5	94.4	97.8	100.0	102.0	106.1	113.6	118.8	122.6	125.2		
Hours	101.8	100.9	100.9	100.0	99.1	98.5	98.8	98.6	98.5	98.3		
Streetcar and bus operators:												
Rate	92.1	96.4	99.2	100.0	101.1	104.8	112.5	119.8	120.8	122.1		
Bakery workers:												
Rate				100.0	102.7	106.1	116.3	121.2	122.0	123.6		
Hours				100.0	99.5	99.2	99.1	98.6	98.6	98.6		

Source: Department of Labor, Bureau of Labor Statistics; published annually in Monthly Labor Review and special pamphlets.

No. 232.—AVERAGE HOURS AND EARNINGS ON CONSTRUCTION PROJECTS:  
1935 TO 1945

YEAR AND MONTH	FEDERALLY FINANCED PROJ- ECTS <sup>1</sup>			PRIVATE BUILDING PROJECTS		
	Average hours worked per month	Average monthly earnings	Average hourly earnings	Average hours worked per week	Average weekly earnings	Average hourly earnings
1935.....	96.7	\$63.96	\$0.661	30.1	\$24.47	\$0.813
1936.....	114.1	81.22	.712	32.8	27.01	.825
1937.....	126.1	91.87	.729	33.7	30.41	.903
1938.....	130.6	94.59	.724	32.1	29.19	.908
1939.....	124.7	99.39	.797	32.6	30.39	.933
1940.....	136.9	114.32	.835	33.1	31.70	.958
1941.....	160.3	151.23	.943	34.8	35.14	1.010
March.....	154.7	139.91	.904	32.8	32.66	.996
June.....	167.8	146.10	.926	35.3	35.15	.997
September.....	167.9	153.87	.946	36.5	37.10	1.017
December.....	160.8	166.26	1.034	35.4	37.73	1.066
1942.....	169.3	182.55	1.078	36.4	41.80	1.148
March.....	151.6	158.27	1.044	35.0	38.29	1.094
June.....	172.8	182.90	1.058	37.2	42.28	1.135
September.....	174.8	192.81	1.103	37.8	45.40	1.201
December.....	172.5	194.49	1.127	37.8	46.46	1.230
1943.....	168.1	193.96	1.154	38.4	48.13	1.252
March.....	162.8	184.70	1.135	37.4	46.49	1.242
June.....	175.1	203.53	1.162	39.5	48.65	1.280
September.....	165.1	195.54	1.184	39.4	49.50	1.258
December.....	167.5	196.78	1.175	38.1	49.38	1.205
1944.....	166.9	202.13	1.211	39.5	52.07	1.318
March.....	167.1	196.49	1.176	38.5	49.85	1.298
June.....	165.8	195.83	1.181	40.2	52.21	1.300
September.....	162.8	201.33	1.237	40.1	53.71	1.339
December.....	162.9	208.23	1.278	39.4	53.48	1.359
1945.....	169.0	219.84	1.301	39.1	53.86	1.378
March.....	167.2	219.76	1.314	40.0	54.49	1.363
June.....	177.3	233.04	1.314	40.4	55.50	1.374
September.....	165.1	207.98	1.260	38.1	53.11	1.392
December.....	161.9	197.86	1.222	37.1	51.85	1.397

<sup>1</sup> Data on hours and earnings on Federal projects are reported by accounting months rather than calendar months, and since pay periods are not uniform in any given month, some contractors report data for 4 weeks and others for 5. Consequently, average hours and earnings cannot be accurately computed by weeks and figures for average monthly hours and earnings tend to show certain irregularities reflecting this method of reporting.

Source: Department of Labor, Bureau of Labor Statistics; data on Federal projects published currently in Construction Bulletin, private projects in Monthly Labor Review.

**NO. 233.—MONTHLY LABOR TURN-OVER RATES (PER 100 EMPLOYEES) IN MANUFACTURING INDUSTRIES: 1939 TO 1945**

[Month-to-month employment changes as indicated by labor turn-over rates are not precisely comparable to those in tables 211-214, as the former are based on data for the entire month while the latter refer to a one-week period ending nearest the middle of the month. In addition, labor turn-over data, beginning in Jan. 1943, refer to all employees, whereas the employment and pay-roll data relate only to wage earners. The turn-over sample is not so extensive as that of the employment and pay-roll survey—proportionately fewer small plants are included; printing and publishing, and certain seasonal industries, such as canning and preserving, are not covered]

CLASS OF TURN-OVER AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total separation:												
1939-----	3.2	2.6	3.1	3.5	3.5	3.8	3.3	3.0	2.8	2.9	3.0	3.5
1943-----	7.1	7.1	7.7	7.5	6.7	7.1	7.6	8.3	8.1	7.0	6.4	6.6
1944-----	6.7	6.6	7.4	6.8	7.1	7.1	6.6	7.8	7.6	6.4	6.0	5.7
1945-----	6.2	6.0	6.8	6.6	7.0	7.9	7.7	17.9	12.0	8.6	7.1	5.8
Quit:												
1939-----	.9	.6	.8	.8	.7	.7	.7	.8	1.1	.9	.8	.7
1943-----	4.5	4.7	5.4	5.4	4.8	5.2	5.6	6.3	6.3	5.2	4.5	4.4
1944-----	4.6	4.6	5.0	4.9	5.3	5.4	5.0	6.2	6.1	5.0	4.6	4.3
1945-----	4.6	4.3	5.0	4.8	4.8	5.1	5.2	6.2	6.7	5.6	4.7	3.9
Discharge:												
1939-----	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1
1943-----	.5	.5	.6	.5	.6	.8	.7	.7	.6	.6	.6	.6
1944-----	.7	.6	.7	.6	.6	.7	.7	.6	.6	.6	.6	.6
1945-----	.7	.7	.7	.6	.6	.7	.6	.7	.6	.5	.5	.4
Lay-off: <sup>1</sup>												
1939-----	2.2	1.9	2.2	2.6	2.7	2.5	2.5	2.1	1.6	1.8	2.0	2.7
1943-----	.7	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	1.0
1944-----	.8	.8	.9	.8	.5	.5	.5	.5	.6	.5	.5	.5
1945-----	.6	.7	.7	.8	1.2	1.7	1.5	10.7	4.5	2.3	1.7	1.3
Military and misc. <sup>2</sup>												
1943-----	1.4	1.4	1.2	1.0	.8	.8	.8	.8	.7	.7	.6	.6
1944-----	.6	.6	.8	.7	.7	.5	.4	.4	.3	.3	.3	.3
1945-----	.3	.3	.4	.4	.4	.4	.4	.3	.2	.2	.2	.2
Accession:												
1939-----	4.1	3.1	3.8	2.9	3.3	3.9	4.2	5.1	6.2	5.9	4.1	2.8
1943-----	8.3	7.9	8.8	7.4	7.2	8.4	7.8	7.6	7.7	7.2	6.8	5.2
1944-----	6.5	5.5	5.8	5.5	6.4	7.6	6.3	6.8	6.1	6.0	6.1	5.1
1945-----	7.0	5.0	4.9	4.7	5.0	5.9	5.8	5.9	7.4	8.6	8.7	6.8

<sup>1</sup> Includes temporary, indeterminate, and permanent lay-offs.

<sup>2</sup> Miscellaneous separations rates amount to not more than 0.1 per 100 employees. In 1939 these data were included with "quits."

**NO. 234.—ESTIMATED NUMBER OF DISABLING INDUSTRIAL INJURIES, BY MAJOR INDUSTRY GROUP: 1942 TO 1945**

[In thousands. Includes employees and self-employed. For additional data on injuries, consult the index]

INDUSTRY GROUP	1942	1943	1944	1945 <sup>1</sup>	1942	1943	1944	1945 <sup>1</sup>	Total				Deaths and permanent total disabilities			
									Permanent partial disabilities				Temporary total disabilities			
<b>All industries</b>																
Agriculture <sup>2</sup>	283.7	311.9	311.9	305.6	4.9	5.2	5.2	4.9	19.9	20.1	17.6	17.8	4.9	4.9	4.9	4.9
Mining and quarrying <sup>3</sup>	102.7	96.4	92.1	82.1	2.2	2.2	2.2	2.2	102.7	102.7	102.7	102.7	1.7	1.7	1.7	1.7
Construction <sup>4</sup>	349.5	260.1	99.6	112.2	3.6	2.7	1.2	1.8	349.5	349.5	349.5	349.5	1.8	1.8	1.8	1.8
Manufacturing <sup>4</sup>	635.2	802.5	786.9	574.6	2.8	3.4	3.2	3.0	635.2	635.2	635.2	635.2	3.0	3.0	3.0	3.0
Public utilities <sup>4</sup>	21.0	19.7	19.3	20.3	.5	.4	.4	.4	21.0	21.0	21.0	21.0	.4	.4	.4	.4
Trade, wholesale and retail <sup>5</sup>	284.2	268.4	273.8	296.0	1.3	1.2	.8	.9	284.2	284.2	284.2	284.2	.9	.9	.9	.9
Railroads <sup>6</sup>	60.8	85.4	92.4	94.1	1.3	1.5	1.5	1.5	60.8	60.8	60.8	60.8	1.5	1.5	1.5	1.5
Miscellaneous transportation <sup>6</sup>	126.9	146.0	135.1	139.9	1.3	1.4	1.0	1.1	126.9	126.9	126.9	126.9	1.1	1.1	1.1	1.1
Service, government and misc. industry <sup>5</sup>	393.7	423.6	419.3	378.0	2.0	2.1	2.4	2.5	393.7	393.7	393.7	393.7	2.5	2.5	2.5	2.5
<b>All industries</b>																
Agriculture <sup>2</sup>	100.8	108.0	94.4	82.7	2,147.0	2,285.9	2,118.4	1,902.3	100.8	108.0	94.4	82.7	2,147.0	2,285.9	2,118.4	1,902.3
Mining and quarrying <sup>3</sup>	14.2	15.6	15.6	15.3	264.6	291.1	291.1	285.4	14.2	15.6	15.6	15.3	264.6	291.1	291.1	285.4
Construction <sup>4</sup>	4.5	4.2	4.0	3.6	96.0	90.0	86.2	76.8	4.5	4.2	4.0	3.6	96.0	90.0	86.2	76.8
Manufacturing <sup>4</sup>	17.1	12.8	3.6	3.4	328.8	244.6	94.8	107.0	17.1	12.8	3.6	3.4	328.8	244.6	94.8	107.0
Public utilities <sup>4</sup>	27.0	34.1	35.4	25.3	605.4	765.0	748.3	646.3	27.0	34.1	35.4	25.3	605.4	765.0	748.3	646.3
Trade, wholesale and retail <sup>5</sup>	7.0	6.6	6.0	7.1	275.9	260.6	267.0	288.0	7.0	6.6	6.0	7.1	275.9	260.6	267.0	288.0
Railroads <sup>6</sup>	4.2	5.9	6.4	6.5	55.3	78.0	84.5	86.1	4.2	5.9	6.4	6.5	55.3	78.0	84.5	86.1
Miscellaneous transportation <sup>6</sup>	3.8	4.1	4.1	4.2	131.8	140.5	130.0	134.6	3.8	4.1	4.1	4.2	131.8	140.5	130.0	134.6
Service, government and misc. industry <sup>5</sup>	22.5	24.2	18.8	16.7	369.2	397.3	398.1	358.8	22.5	24.2	18.8	16.7	369.2	397.3	398.1	358.8

<sup>1</sup> Preliminary.

<sup>4</sup> Based on Bureau of Labor Statistics survey.

<sup>2</sup> Based on fragmentary data.

<sup>5</sup> Based on small sample studies.

<sup>3</sup> Based largely on Bureau of Mines data.

<sup>6</sup> Based on Interstate Commerce Commission data.

Sources: Department of Labor, Bureau of Labor Statistics; table 233: Monthly Labor Review; table 234: Annual data published in Monthly Labor Review.

## No. 235.—STRIKES AND LOCKOUTS: 1916 to 1944

[Strikes and lockouts (work stoppages is a later terminology) involving fewer than 6 workers or lasting less than 1 day are not included. Information is obtained directly from companies and unions involved as well as from the various Government labor boards, conciliation services, and other neutral parties]

YEAR	Number of strikes and lockouts	WORKERS INVOLVED		MAN-DAYS IDLE		INDEX OF (1935-39=100)—		
		Number <sup>1</sup>	Percent of total em- ployed <sup>2</sup>	Number	Percent of avail- able working time <sup>3</sup>	Strikes and lockouts	Workers involved	Man- days idle
1916 <sup>4</sup>	3,789	1,599,917	8.4	(4)	(4)	182	142	(4)
1917	4,450	1,227,254	6.3	(4)	(4)	155	109	(4)
1918	3,353	1,239,989	6.2	(4)	(4)	117	110	(4)
1919	3,630	4,160,348	20.8	(4)	(4)	127	370	(4)
1920	3,411	1,463,054	7.2	(4)	(4)	119	130	(4)
1921	2,885	1,099,247	6.4	(4)	(4)	83	98	(4)
1922	1,112	1,612,582	8.7	(4)	(4)	39	143	(4)
1923	1,553	756,584	3.5	(4)	(4)	54	67	(4)
1924	1,249	654,041	3.1	(4)	(4)	44	58	(4)
1925	1,301	428,416	2.0	(4)	(4)	45	38	(4)
1926	1,035	329,592	1.5	(4)	(4)	36	29	(4)
1927	707	329,939	1.4	26,218,628	0.37	25	29	155
1928	604	314,210	1.3	12,631,863	.17	21	28	75
1929	921	288,572	1.2	5,351,540	.07	32	26	32
1930	637	182,975	.8	3,316,808	.05	22	16	20
1931	810	341,817	1.6	6,893,244	.11	28	30	41
1932	841	324,210	1.8	10,502,033	.23	29	29	62
1933	1,695	1,168,272	6.3	16,872,128	.36	59	104	100
1934	1,856	1,466,605	7.2	19,591,949	.38	65	130	116
1935	2,014	1,117,213	5.2	15,456,337	.29	70	99	91
1936	2,172	788,648	3.1	13,901,966	.21	76	70	82
1937	4,740	1,860,621	7.2	28,424,857	.43	166	165	168
1938	2,772	688,376	2.8	9,148,273	.15	97	61	54
1939	2,613	1,170,962	4.7	17,812,219	.28	91	104	105
1940	2,508	676,958	2.3	6,700,872	.10	88	51	40
1941	4,288	2,362,620	8.4	23,047,556	.32	150	210	136
1942	2,968	839,961	2.8	4,182,557	.05	104	75	25
1943	3,752	1,081,279	6.9	13,500,529	.15	131	176	80
1944	4,956	2,115,637	7.0	8,721,079	.09	173	188	51

<sup>1</sup> The number of workers involved in some strikes and lockouts which occurred between 1916 and 1926 is not known. However, the missing information is for the smaller disputes and it is believed that the totals here given are fairly accurate.

<sup>2</sup> "Total employed workers" as used here includes all workers except those in occupations and professions where strikes rarely if ever occur. In general, the term "total employed workers" includes all employees except the following groups: Government workers, agricultural wage earners on farms employing less than 6 workers, managerial and supervisory employees, and certain groups which because of the nature of their work cannot or do not strike (such as college professors, clergymen, and domestic servants). Self-employed and unemployed persons are, of course, excluded.

<sup>3</sup> "Available working time" was estimated for purposes of this table by multiplying the average number of employed workers each year by the number of days worked by most employees during the year.

<sup>4</sup> Not available.

Source: Department of Labor, Bureau of Labor Statistics; published in May issues of Monthly Labor Review.

## No. 236.—MAJOR ISSUES INVOLVED IN STRIKES AND LOCKOUTS ENDING IN 1943 AND 1944

[See headnote, table 235]

MAJOR ISSUES	NUMBER OF STRIKES AND LOCKOUTS		NUMBER OF WORKERS INVOLVED		NUMBER OF MAN-DAYS IDLE	
	1943	1944	1943	1944	1943	1944
All issues.....	3,734	4,958	1,865,151	2,127,352	18,298,654	8,880,078
Wages and hours.....	1,906	2,146	1,216,360	809,572	10,687,799	3,376,500
Union organization, wages and hours.....	232	247	57,324	66,136	272,349	496,233
Union organization.....	353	561	168,567	329,374	470,844	1,536,472
Other working conditions.....	1,094	1,860	461,808	807,281	1,404,634	2,584,520
Interunion or intraunion matters.....	149	204	61,092	115,039	463,028	886,353

Source: Department of Labor, Bureau of Labor Statistics; May issues of Monthly Labor Review.

## STRIKES AND LOCKOUTS

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No. 237.—STRIKES AND LOCKOUTS, BY INDUSTRY GROUPS: 1940 TO 1944

[See headnote, table 235]

INDUSTRY GROUP	NUMBER OF STRIKES AND LOCKOUTS BEGINNING—							NUMBER OF WORKERS INVOLVED							NUMBER OF MAN-DAYS IDLE DURING YEAR						
	1940	1941	1942	1943	1944	1940	1941	1942	1943	1944	1940	1941	1942	1943	1944	1940	1941	1942	1943	1944	1940
All industries.....	2,508	14,288	2,968	3,762	14,956	576,388	2,362,620	839,961	1,981,279	2,115,637	9,700,872	23,047,556	4,182,557	13,500,529	8,721,079						
MANUFACTURING																					
Food and kindred products.....	152	261	178	135	160	16,901	69,782	28,602	26,567	36,024	154,682	988,457	210,423	98,645	177,759						
Tobacco manufactures.....	9	10	9	16	19	4,365	8,517	3,635	24,865	7,054	78,759	201,466	25,074	91,161	55,546						
Textile-mill products.....	348	507	198	177	184	77,325	144,769	93,460	55,364	55,364	678,798	1,683,568	465,702	306,867	471,449						
Apparel and other finished products.....																					
Lumber and timber basic products.....	211	236	175	142	81	52,293	67,740	17,639	11,867	43,488	806,773	1,323,550	114,876	55,876	299,438						
Furniture and finished lumber products.....																					
Paper and allied products.....	83	137	44	38	49	7,861	19,494	14,991	7,981	1,981	2,399	109,472	324,567	78,732	95,540	122,907					
Printing, publishing, and allied industry.....																					
Chemicals and allied products.....	36	88	67	76	116	14,434	21,411	31,198	21,267	26,128	191,683	315,531	103,394	68,305	116,334						
Products of petroleum and coal.....																					
Rubber products.....	18	42	28	23	77	8,526	39,237	15,639	8,526	39,496	97,228	155,098	33,522	260,308	113,051						
Leather and leather products.....																					
Stone, clay, and glass products.....	39	92	87	93	95	7,659	27,883	27,435	27,491	24,000	125,064	219,876	241,156	147,076	116,038						
Iron and steel and their products.....	65	134	116	109	122	12,904	33,443	33,443	26,562	37,874	205,919	655,646	227,156	144,129	204,451						
Nonferrous metals and their products.....	121	330	650	998	36,968	243,749	95,930	351,238	369,196	402,904	1,442,523	269,991	126,129	1,225,860							
Machinery (except electrical).....	52	129	71	133	148	15,980	43,740	26,139	46,619	49,544	233,269	413,301	69,738	80,617	142,851						
Electrical machinery.....	130	236	130	210	311	35,617	128,407	46,811	62,125	141,078	20,292	33,235	810,237	2,213,911	103,878	138,644	507,917				
Transportation equipment (except aircraft).....																					
Automobiles and automobile equipment.....	51	135	65	192	321	49,638	394,056	54,644	154,753	363,150	20,294	338,763	270,490	2,294,156	146,266	95,041	151,944				
Miscellaneous manufacturing industries.....	95	161	63	43	39	8,352	24,344	6,354	9,451	6,025	215,018	328,874	68,589	441,401	441,423	1,361,053	32,981				
NONMANUFACTURING																					
Agriculture, forestry, and fishing.....	24	32	21	16	18	5,358	14,406	4,731	8,667	9,851	173,841	494,037	110,138	98,386	274,474						
Mining.....	65	143	156	463	42,276	7,737,302	33,312	609,678	278,051	268,832	515,602	7,226,061	9,370,218	1,412,634							
Construction.....	310	395	239	188	168	71,316	186,473	30,993	35,659	22,485	492,301	923,216	164,156	140,827	119,893						
Trade.....	275	421	260	119	139	44,420	50,779	30,267	25,482	31,450	584,400	304,312	304,019	90,711	270,401						
Finance, insurance, and real estate.....	(3)	23	23	26	15	(3)	(3)	5,894	3,090	9,954	6,073	425,099	166,647	158,593	34,056						
Transportation, communication, etc.....	182	288	221	234	335	46,367	50,406	55,588	73,390	56,283	351,422	189,787	122,060	183,979	65,672						
Services—personal, business, and other.....	139	266	130	114	96	10,337	31,150	20,389	14,442	5,941	10,235	55,914	48,458	23,715							
Other nonmanufacturing industries.....	63	129	39	51	36	5,941	19,281	6,021	5,733	5,733	128,344	128,344	55,914								

<sup>1</sup> Less than sum of figures below, because one or more strikes each affecting more than 1 industry, have been counted as separate strikes in each industry affected, with the proper allocation of workers and man-days idle to each industry.<sup>2</sup> Exceeds number employed in industry as several thousand coal miners were involved in more than 1 strike during year.<sup>3</sup> Included in other nonmanufacturing industries.

Source: Department of Labor, Bureau of Labor Statistics; May issues of Monthly Labor Review.